UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E. W. ALLEN, Chief.

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING JANUARY, 1925.

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Report of the Alaska Agricultural Experiment Stations, 1923. C. C. Georgeson. pp. 37, figs. 24. Jan., 1925.

Outlines of courses of instruction in agricultural nature study for the rural schools of California. O. J. Kern. (California Sta. [Pub.], pp. 100, figs. 60. Revised Dec., 1924.)

Make the dairy pay. Testing and handling milk and cream. F. E. Ball. Colorado Sta. [Bul.] 295, pp. 60, figs. 34. Dec., 1924.)

Report on commercial insecticides and fungicides.--I, Text of the insecticide law of Connecticut and regulations for its enforcement. W. L. Slate, jr., and T. Holt. II, Examination of insecticides and fungicides, etc. E. M. Bailey. (Connecticut State Sta. Bul. 258, pp. 361-377. June, 1924.)

Corn in Connecticut. D. F. Jones, W. L. Slate, jr., and B. A. Brown. (Connecticut State Sta. Bul. 259, pp. 381-470, figs. 67. July, 1924.)

Rust infection of leaves in Petri dishes. G. P. Clinton and F. A. McCormick. (Connecticut State Sta. Bul. 260, pp. 473-501, pls. 2. Nov., 1924.)

Mason County soils. R. S. Smith, E. E. De Turk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 28, pp. 62, pls. 2, figs. 9. June, 1924.)

Potato leaf roll in Indiana. M. W. Gardner and J. B. Kendrick. (Indiana Sta. Bul. 284, pp. 23, figs. 8. July, 1924.)

Cooperating under the Iowa cooperative laws. F. Robotka. (Iowa Sta. Circ. 95, pp. 16, Nov., 1924.)

Double entry accounts for farmers. J. A. Hopkins. (Iowa Sta. Circ. 96, pp. 24, figs. 8. Oct., 1924.)

The sugar cane disease situation in 1923 and 1924. C. W. Edgerton, W. G. Taggart, and E. C. Tims. (Louisiana Stas. Bul. 191, pp. 44, figs. 8, Dec., 1924.)

Sugar beets in Louisiana. A. F. Kidder and C. E. Coates. (Louisiana Stas. Bul. 192, pp. 23. Dec., 1924.)

Growth of potato plants in sand cultures treated with "six types" of nutrient solutions. E. S. Johnston. (Maryland Sta. Bul. 270, pp. 53 - 86, figs. 8. Sept., 1924.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bover, jr. (Massachusetts Sta. Met. Bul. 432, pp. 4. Dec., 1924.)

Studies on a non-virulent living culture of Bact. abortus towards protective vaccination of cattle against bovine infectious abortion (Bang's abortion disease). I. F. Huddleson. (Michigan Sta. Tech. Bul. 65, pp. 36. July, 1924.)

Spring small grains. T. A. Kiesselbach and W. E. Lyness. (Nebraska Sta. Bul. 201, pp. 45, figs. 14. Nov., 1924.)

Landlords of Nebraska farms. J. O. Rankin. (Nebraska Sta. Bul. 202, pp. 38, figs. 4. Nov., 1924.)

Ice cream formulas and standardization. H. P. Davis, P. A. Downs, and B. Masurovsky. (Nebraska Sta. Bul. 203, pp. 23. Nov., 1924.)

Inspection of commercial feeding stuffs, 1924. H. R. Kraybill, T. O. Smith, and J. T. Sullivan. (New Hampshire Sta. Bul. 213, pp. 63. Aug., 1924.)

Sweet potato studies in New Jersey. L. G. Schermerhorn. (New Jersey Stas. Bul. 398, pp. 19, figs. 11. Aug., 1924.)

Forty-fourth annual report of the New Jersey State Agricultural Experiment Station and the thirty-sixth annual report of the New Jersey Agricultural College Experiment Station for the year ending June 30, 1923. J. G. Lipman et al. pp. 414, pls. 17, figs. 10. 1924.

Inheritance of Xantha seedlings in maize. H. Trajkovich. (New York Cornell Sta. Mem. 82, pp. 13. Dec., 1924.)

Marketing dairy products. Creameries and cooperative cream shipping stations in North Dakota. A. H. Benton. (North Dakota Sta. Bul. 182, pp. 40, figs. 21. Oct., 1924.)

Statistical studies on inheritance in the tomato. C. E. Myers. (Pennsylvania Sta. Bul. 189, pp. 31, figs. 14. Sept., 1924.)

Farm organization and cost of production on cotton farms in Anderson County, S.C. W. C. Jensen. (South Carolina Sta. Bul. 221, pp. 101, figs. 18. Sept., 1924.)

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Thirty-seventh annual report of the South Carolina Experiment Station of Clemson Agricultural College for the year ended June 30, 1924. H. W. Barre. pp. 95, figs. 30. Dec., 1924.

New insecticides for the Mexican bean beetle and other insects. S. Marcovitch. (Tennessee Sta. Bul. 131, pp. 19, figs. 7. Oct., 1924.)

Cotton variety experiments at the main station, 1912 to 1922. B. Youngblood. (Texas Sta. Bul. 321, pp. 22. May, 1924.)

Commercial fertilizers in 1923-1924. G. S. Fraps and S. E. Asbury. (Texas Sta. Bul. 322, pp. 61. Sept., 1924.)

Chemical analyses and fertility of West Virginia soils. O. C. Bryan and E. P. Deatrick.. (West Virginia Sta. Bul. 184, pp. 27, fig. 1. July, 1924.)

Effects of winter rations on pasture gains of beef calves and yearlings. E. W. Sheets and R. H. Tuckwiller. (West Virginia Sta. Bul. 186, pp. 34, figs. 13. Aug., 1924.)

Organization and management of typical West Virginia farms. A. J. Dadisman. (West Virginia Sta. Bul. 187, pp. 75, figs. 26. Aug., 1924.)

Adjusting agricultural production and distribution in south central West Virginia to meet home market demands. W. W. Armentrout, H. T. Crosby, and H. I. Richards. (West Virginia Sta. Bul. 188, pp. 64, figs. 22. Oct., 1924.)

Bi-monthly bulletin. (Western Washington Sta. Bimo. Bul., vol. 12, No. 5, pp. 97-124, figs. 7. Jan., 1925.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICA OF EXPERIMENT STATIONS DURING FEBRUARY 1925

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

A discussion of certain Colorado River problems. G. E. P. Smith. (Arizona Sta. Bul. 100, pp. 137-175, fig. 1. Feb., 1925.)

Growing and handling asparagus crowns. H. A. Jones and W. W. Robbins. (California Sta. Bul. 381, pp. 34, figs. 15. Dec., 1924.)

Pumping for drainage in the San Joaquin Valley, California. W. W. Weir. (California Sta. Bul. 382, pp. 38, figs. 18. Jan., 1925.)

A study of the relative values of certain succulent feeds and alfalfa meal as sources of vitamin A for poultry. D. E. Davis and J. R. Beach. (California Sta. Bul. 384, pp. 14. Mar. [Feb.], 1925.)

Fertilizer report for 1924. E. M. Bailey. (Connecticut State Sta. Bul. 261, pp. 100. Nov., 1924.)

The Rainbow Forest Plantations.--Guide to experimental plots and report of progress, 1924. H. W. Hicock. (Connecticut State Sta. Bul. 262, pp. 101-135, pls. 9. Dec., 1924.)

Infectious abortion (fifth report). G. C. White, L. F. Rettger, and J. G. McAlpine. (Connecticut Storrs Sta. Bul. 123, pp. 281-303, figs. 2. Aug., 1924.)

Corn in Connecticut. D. F. Jones, W. L. Slate, jr., and B. A. Brown. (Connecticut Storrs Sta. Bul. 124, pp. 309-396, figs. 83. June, 1924.)

Celery diseases in Florida. A. C. Foster and G. W. Weber. (Florida Sta. Bul. 173, pp. 21-78, figs. 34. Dec., 1924.)

Growing tomatoes for the canning factory. H. D. Brown. (Indiana Sta. Bul. 288, pp. 27, figs. 19. Nov., 1924.)

Apple storage investigations. Fourth progress report. I, Jonathan-spot and soft-scald. II, Apple-scald and internal breakdown. H. H. Plagge and T. J. Maney. (Iowa Sta. Bul. 222, pp. 63, figs. 16. Oct., 1924.)

Rural social survey of Hudson, Orange, and Jesup consolidated school districts, Blackhawk and Buchanan Counties, Iowa. G. H. Von Tungeln and H. L. Eells. (Iowa Sta. Bul. 224, pp. 201-251, figs. 21. Nov., 1924.)

Soft cheeses that are easily made. E. F. Goss. (Iowa Sta. Circ. 94, pp. 7, figs. 6. Oct., 1924.)

Tax revision in Kansas. E. Englund. (Kansas Sta. Bul. 234, pp. 95, figs. 3. Dec., 1924.)

Interpretation of dairy pedigrees. J. W. Gowen. (Maine Sta. Bul. 318, pp. 53-80, figs. 5. July, 1924.)

The blueberry leaf-beetle and some of its relatives. H. C. Fall and W. C. Woods. (Maine Sta. Bul. 319, pp. 81-140, pl. 1, figs. 2. Oct., 1924.)

Commercial fertilizers, 1924. J. M. Bartlett. (Maine Sta. Off. Insp. 113, pp. 37-68. Oct., 1924.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 433, pp. 4. Jan., 1925.)

Alfalfa and horses. R. S. Hudson. (Michigan Sta. Circ. 65, pp. 7, fig. 1. Nov., 1924.)

Marketing Michigan potatoes. J. T. Horner. (Michigan Sta. Spec. Bul. 137, pp. 32, figs. 13. Feb., 1925.)

Spraying calendar. W. C. Dutton, R. H. Pettit, C. W. Bennett, and H. A. Cardinell. (Michigan Sta. Spec. Bul. 140, pp. 29, figs. 11. Jan., 1925.)

Profitable pruning of the Concord grape. N. L. Partridge. (Michigan Sta. Spec. Bul. 141, pp. 12, figs. 10. Jan., 1925.)

Observations on the clear-winged grasshopper (Camnulla pellucida Scudder). J. R. Parker. (Minnesota Sta. Bul. 214, pp. 44, figs. 6. July, 1924.)

Raising the dairy calf when whole milk is sold. C. H. Eckles and T. W. Gullickson. (Minnesota Sta. Bul. 215, pp. 30, figs. 14. June, 1924.)

Farm drainage methods.--Survey and design, 1908-1922. H. B. Roe. (Minnesota Sta. Bul. 216, pp. 71, figs. 23. June, 1924.)

Farm drainage methods.--Construction, 1908-1922. H. B. Roe. (Minnesota Sta. Bul. 217, pp. 44, figs. 52. June, 1924.)

Root rots of wheat. A. W. Henry. (Minnesota Sta. Tech. Bul. 22, pp. 71, pls. 12, figs. 2. Apr., 1924.)

[Minnesota] Agricultural Experiment Station, thirty-second annual report.--Part I, Publications, list of projects, financial statement, and staff members, July 1, 1923, to June 30, 1924. W. C. Coffey. pp. 38.

The influence of animal and vegetable proteins on egg production. H. L. Kempster. (Missouri Sta. Bul. 225, pp. 16, figs. 6. Nov., 1924.)

Production and feeding of silage. L. J. Stadler, M. M. Jones, C. W. Turner, and P. M. Bernard. (Missouri Sta. Bul. 226, pp. 23, figs. 9. Dec., 1924.)

Missouri flour for Missouri breadmaking. L. E. Davis. (Missouri Sta. Bul. 227, pp. 31, figs. 28. Dec., 1924.)

The change of form with age in the dairy cow. S. Brody and A. C. Ragsdale. (Missouri Sta. Research Bul. 67, pp. 48, figs. 40. Sept., 1924.)

Normal immunity reactions of the cow and the calf with reference to antibody transmission in the colostrum. J. B. Nelson. (Missouri Sta. Research Bul. 68, pp. 30. Aug., 1924.)

The effect of the sugar content in the manufacture of commercial ice cream. W. H. E. Reid. (Missouri Sta. Research Bul. 69, pp. 15, figs. 5. Sept., 1924.)

Effect of several ingredients used in the manufacture of commercial ice cream on the change in temperature during the freezing process. W. H. E. Reid and D. H. Nelson. (Missouri Sta. Research Bul. 71, pp. 16, figs. 8. Nov., 1924.)

Changes produced in apple trees by various types of pruning. H. D. Hooker, jr. (Missouri Sta. Research Bul. 72, pp. 11, fig. 1. Dec., 1924.)

Growing orchard grass in south Missouri. C. A. Helm. (Missouri Sta. Circ. 130, pp. 8, figs. 5. Nov., 1924.)

Irrigated pastures. D. Hansen. (Montana Sta. Bul. 166, pp. 26, figs. 4. Sept., 1924.)

Ten years' grain and seed testing in Montana. Annual report of the Montana Grain Inspection Laboratory July 1, 1922, to June 30, 1923. C. McKee and W. O. Whitcomb. (Montana Sta. Bul. 167, pp. 18, figs. 5. Oct., 1924.)

Premature seeding of celery. C. C. Starring. (Montana Sta. Bul. 168, pp. 16, fig. 1. Nov., 1924.)

Montana insect pests for 1923 and 1924, being the twentieth report of the State Entomologist of Montana. R. A. Cooley. (Montana Sta. Bul. 170, pp. 30, figs. 6. Jan., 1925.)

Inspection of commercial fertilizers for 1924. H. R. Kraybill, T. O. Smith, and S. R. Shimer. (New Hampshire Sta. Bul. 214, pp. 19. Nov., 1924.)

The chemical composition of the soils of the Bernardsville area in New Jersey. A.W. Blair and A. L. Prince. (New Jersey Stas. Bul. 406, pp. 16, figs. 2. Nov., 1924.)

Egg production, monthly costs and receipts on New Jersey poultry farms. W. H. Allen. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 4, pp. 4. Jan., 1925.)

The present outlook for the poultryman. G. W. Hervey and C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 5, pp. 4, figs. 3. Feb., 1925.)

Experiments in crop rotation and fertilization. R. C. Wiggans. (New York Cornell Sta. Bul. 434, pp. 56, figs. 5. Nov., 1924.)

Economic studies of dairy farming in New York.--II, Grade A milk with and without cash crops. E. G. Misner. (New York Cornell Sta. Bul. 433, pp. 147, figs. 19. Oct., 1924.)

Results of experiments with oats in New York. H. H. Love and W. T. Craig. (New York Cornell Sta. Bul. 436, pp. 24, figs. 8. Jan., 1925.)

Thirty-seventh annual report of the Dean [New York State College of Agriculture and Agricultural Experiment Stations], 1924. A. R. Mann. pp. 89.

The agricultural regions of North Dakota. R. E. Willard. (North Dakota Sta. Bul. 183, pp. 168, figs. 64. Dec., 1924.)

Commercial fertilizers, 1925 edition. R. H. Robinson. (Oregon Sta. Circ. 58, pp. 20. Jan., 1925.)

Comparative influences of various protein feeds on laying hens. R. M. Sherwood. (Texas Sta. Bul. 317, pp. 24. Feb., 1924.)

The influence of individuality, age, and season upon the weights of fleeces produced by Angora goats under range conditions. J. L. Lush and J. M. Jones. (Texas Sta. Bul. 320, pp. 54, figs. 13. Mar., 1924.)

Biennial report of the Director for the years 1923 and 1924. W. Peterson. (Utah Sta. Bul. 192, pp. 64, fig. 1. Jan., 1925.)

Studies on the effects of air temperature and relative humidity on the transpiration of Pinus strobus. E. J. Dole. (Vermont Sta. Bul. 238, pp. 39, pls. 2, figs. 10. July, 1924.)

Some natural violet hybrids of North America. E. Brainerd and G. P. Burns. (Vermont Sta. Bul. 239, pp. 205, figs. 83. July, 1924.)

Commercial fertilizers. J. L. Hills, C. H. Jones, and G. F. Anderson. (Vermont Sta. Bul. 240, pp. 24. Aug., 1924.)

Agricultural seed inspection. A. S. Lutman. (Vermont Sta. Bul. 241, pp. 7. Oct., 1924.)

Commercial feeding stuffs. J. L. Hills, C. H. Jones, and G. F. Anderson. (Vermont Sta. Bul. 242, pp. 32. Oct., 1924.)

Feeding cocoa meal to dairy cows. H. B. Ellenberger and J. A. Newlander. (Vermont Sta. Bul. 243, pp. 20, figs. 2. Dec., 1924.)

Lamb feeding experiments at the Irrigation Branch Experiment Station in 1922-23 and 24. H. Hackedorn, R. P. Bean, and J. Sotola. (Washington Col. Sta. Bul. 185, pp. 42, figs. 5. Nov., 1924.)

Thirty-fourth annual report for the fiscal year ended June 30, 1924. E. C. Johnson. (Washington Col. Sta. Bul. 187, pp. 111. Dec., 1924.)

Varietal experiments with wheat, oats, barley, rye, and buckwheat (a preliminary report). R. J. Garber, K. S. Quisenberry, T. E. Odland, and T. C. McIlvaine. (West Virginia Sta. Bul. 192, pp. 26, figs. 4. Dec., 1924.)

How to prune the young cherry tree. R. H. Roberts. (Wisconsin Sta. Bul. 370, pp. 16, figs. 14. Oct., 1924.)

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UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E. W. Allen, Chief.

LIST OF AGRICULTURAL EXPERIMENT STATIONS IN THE UNITED STATES

March, 1925.

This list gives the post-office addresses of the Agricultural Experiment Stations in the United States, followed by the name of the director or other officer in charge:

ALABAMA --
(College station), Auburn: M. J. Funchess.
(Canebrake station), Uniontown: W. A. Cammack.
(Tuskegee station), Tuskegee Institute: G. W. Carver.
ALASKA -- Sitka: C. C. Georgeson.
ARIZONA -- Tucson: J. J. Thornber.
ARKANSAS -- Fayetteville: D. T. Gray.
CALIFORNIA -- Berkeley: E. D. Merrill.
COLORADO -- Fort Collins: C. P. Gillette.
CONNECTICUT --
(State station, New Haven:) W. L. Slate, Jr.
(Storrs station, Storrs:)
DELAWARE -- Newark: C. A. McCue.
FLORIDA -- Gainesville: Wilmon Newell.
GEORGIA --
(State station), Experiment: H. P. Stuckey.
(Coastal Plain station), Tifton: S. H. Starr.
GUAM, ISLAND OF -- Guam: C. W. Edwards
HAWAII --
(Federal station), Honolulu: J. M. Westgate.
(Sugar Planters' station), Honolulu: H. P. Agee.
IDAHO -- Moscow: E. J. Iddings.
ILLINOIS -- Urbana: H. W. Mumford.
INDIANA -- LaFayette: G. H. Christie.
IOWA -- Ames: C. F. Curtiss.
KANSAS -- Manhattan: L. E. Call.1/
KENTUCKY -- Lexington: T. P. Cooper.
LOUISIANA --
(State station, University Station, Baton Rouge:)
(Sugar station, Baton Rouge:)
(North Louisiana station, Calhoun:) W.R.Dodson
(Rice station, Crowley:)
(Fruit and Truck Station, Hammond:)
MAINE -- Orono: W. J. Morse.
MARYLAND -- College Park: H. J. Patterson.
MASSACHUSETTS -- Amherst: S. B. Haskell.
MICHIGAN -- East Lansing: R. S. Shaw.
MINNESOTA -- University Farm, St. Paul: W. C. Coffey.
MISSISSIPPI -- A. and M. College: J. R. Ricks.

MISSOURI --
(College station), Columbia: F. B. Mumford.
(Fruit station), Mountain Grove: F. W. Faurot.
(Poultry station), Mountain Grove: T. W. Noland.
MONTANA -- Bozeman: F. B. Linfield.
NEBRASKA -- Lincoln: E. A. Burnett.
NEVADA -- Reno: S. B. Doten.
NEW HAMPSHIRE -- Durham: J. C. Kendall.
NEW JERSEY -- New Branswick: J. G. Lipman.
NEW MEXICO -- State College: Fabian Garcia.
NEW YORK --
(State station, Geneva:) R. W. Thatcher.
(Cornell station, Ithaca:)
NORTH CAROLINA -- State College Station, Raleigh: B. W. Kilgore.
NORTH DAKOTA -- Agricultural College: P. F. Trowbridge.
OHIO -- Wooster: C. G. Williams.
OKLAHOMA -- Stillwater: C. T. Dowell.
OREGON -- Corvallis: J. T. Jardine.
PENNSYLVANIA --
(College station), State College: R. L. Watts.
(Institute of Animal Nutrition), State College: E. B. Forbes.
PORTO RICO --
(Federal station), Mayaguez: D. W. May.
(Insular station), Rio Piedras: R. M. Ramos.
RHODE ISLAND -- Kingston: B. L. Hartwell.
SOUTH CAROLINA -- Clemson College: H. W. Barre.
SOUTH DAKOTA -- Brookings: J. W. Wilson.
TENNESSEE -- Knoxville: C. A. Mooers.
TEXAS -- College Station: B. Youngblood.
UTAH -- Logan: William Peterson.
VERMONT -- Burlington: J. L. Hills.
VIRGINIA --
(College station), Blacksburg: A. W. Drinkard, Jr.
(Truck station), Norfolk: T. C. Johnson.
VIRGIN ISLANDS, U. S. A. -- St. Croix: J. B. Thompson
WASHINGTON --
(College station), Pullman: E. C. Johnson.
(Western Wash. station), Puyallup: W. A. Linklater.2/
WEST VIRGINIA -- Morgantown: H. G. Knight.
WISCONSIN -- Madison: H. L. Russell.
WYOMING -- Laramie: J. A. Hill.

1/ Acting director.
2/ Superintendent.

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING MARCH 1925

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Growth of the eucalyptus in California plantations. W. Metcalf. (California Sta. Bul. 380, pp. 61, figs. 27. Nov., 1924.)

Monilia blossom blight (brown rot) of apricots. B. A. Rudolph. (California Sta. Bul. 383, pp. 55, figs. 10. Feb., 1925.)

Pollination of the sweet cherry. W. P. Tufts and G. L. Philp. (California Sta. Bul. 385, pp. 28, figs. 11. Mar., 1925.)

Prevention of insect attack on stored grain. W. W. Mackie. (California Sta. Circ. 282, pp. 8, fig. 1. Feb., 1925.)

The moisture equivalent as influenced by the amount of soil used in its determination. F. J. Veihmeyer, O. W. Israelson, and J. P. Conrad. (California Sta. Tech. Paper 16, pp. 61, pls. 2, figs. 9. Sept., 1924.)

Factors influencing the rate of germination of the seed of Asparagus officinalis. H. A. Borthwick. (California Sta. Tech. Paper 18, pp. 17, figs. 2. March., 1925.)

Some orchard conditions affected by arsenicals, marls, and other factors. W. P. Headden. (Colorado Sta. Bul. 294, pp. 31, pls. 10. Dec., 1924.)

The thirty-seventh annual report of the Colorado Agricultural Experiment Station for the year 1924. C. P. Gillette et al. pp. 42.

Second report of the Tree Protection Examining Board. W. E. Britton, C. P. Clinton, and W. O. Filley. (Connecticut State Sta. Bul. 263, pp. 137-192, pls. 8. Dec., 1924.)

Annual report of the Director [Delaware Agricultural Experiment Station] for the fiscal year ending June 30, 1924. C. A. McCue. pp. 30.

Controlling the citrus aphis (Aphis spiraecola Patch). J. R. Watson and A. H. Beyer. (Florida Sta. Bul. 174, pp. 79 - 96, figs. 9. Mar., 1925.)

Work and progress of the Agricultural Experiment Station for the year ended December 31, 1924. E. J. Iddings. (Idaho Sta. Bul. 135, pp. 55, fig. 1. Jan., 1925.)

Publications available for free distribution. (Idaho Sta. Circ. 37, pp. 4. Jan., 1925.)

Experiments with subsoiling, deep tilling, and subsoil dynamiting. R. S. Smith. (Illinois Sta. Bul. 258, pp. 153-170, figs. 6. Feb., 1925.)

The cultivation of corn.--Weed control vs. moisture conservation. D. C. Wimer and M. B. Harland. (Illinois Sta. Bul. 259, pp. 173-196, figs. 8. Mar., 1925.)

The soybean crop for fattening western lambs. W. G. Kammlade and A. K. Mackey. (Illinois Sta. Bul. 260, pp. 197-211, figs. 2. Mar., 1925.)

Inspection of agricultural seeds. E. G. Proulx et al. (Indiana Sta. Bul. 285, pp. 63, fig. 1. Jan., 1925.)

Sandiness in ice cream. P. S. Lucas and G. Spitzer. (Indiana Sta. Bul. 286, pp. 12. Jan., 1925.)

Factors affecting the yield of ice cream. H. W. Gregory and V. G. Manhart. (Indiana Sta. Bul. 287, pp. 31. Nov., 1924.)

Cooling cream on the farm for buttermaking. V. C. Manhart. (Indiana Sta. Bul. 290, pp. 8, figs. 6. Jan., 1925.)

Stallion enrollment.--XIII, Report of stallion enrollment work for the year 1924 with lists of stallions and jacks enrolled. (Indiana Sta. Circ. 120, pp. 48, fig. 1. Dec., 1924.)

Thirty-seventh annual report of the Purdue University Agricultural Experiment Station, La Fayette, Indiana, for the year ending June 30, 1924. G. I. Christie and H. J. Reed. pp. 64, figs. 34.

The growth, returns, and uses of planted cottonwood in Iowa. G. B. MacDonald. (Iowa Sta. Bul. 223, pp. 167-201, figs. 10. Nov., 1924.)

The onion industry in Pleasant Valley, Iowa. A. T. Erwin and W. L. Harter. (Iowa Sta. Bul. 225, pp. 257-286, figs. 16. Jan., 1925.)

Infectious abortion investigations. H. F. Lienhardt, C. H. Kitselman, and C. E. Sawyer. (Kansas Sta. Tech. Bul. 14, pp. 23, fig. 1. Feb., 1925.)

A study of farm organization and management in Mason and Fleming Counties. W. D. Nicholls, C. U. Jett, and Z. L. Galloway. (Kentucky Sta. Bul. 253, pp. 84, figs. 6. June, 1925.)

The grape leafhoppers of bluegrass Kentucky. H. H. Jewett. (Kentucky Sta. Bul. 254, pp. 85-130. Aug., 1924.)

Correlation studies on winter fecundity. F. A. Hays, R. Sanborn, and L. L. James. (Massachusetts Sta. Bul. 220, pp. 43 - 53. Nov., 1924.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 434, pp. 4. Feb., 1925.)

Thirty-sixth annual report of the Massachusetts Agricultural Experiment Station. Report of the Director for the fiscal year ending Nov. 30, 1923. pp. 15a.

Inspection of commercial feedstuffs. P. H. Smith and F. J. Kokoski. (Massachusetts Sta. Control Ser. Bul. 28, pp. 35. Nov., 1924.)

Inspection of lime products used in agriculture. H. D. Haskins, L. S. Walker, and G. B. Dalrymple. (Massachusetts Sta. Control Ser. Bul. 30, pp. 6, fig. 1. Dec., 1924.)

Tourist camps. C. P. Halligan. (Michigan Sta. Spec. Bul. 139, pp. 18, figs. 16. Jan., 1925.)

Grafting in the apple orchard. H. A. Cardinell and F. C. Bradford. (Michigan Sta. Spec. Bul. 142, pp. 39, figs. 29. Jan., 1925.)

The significance of Bacterium abortus antibodies (agglutinins and complement-fixing) found in the sera of calves at birth or after nursing. I. F. Huddleson and D. E. Hasley. (Michigan Sta. Tech. Bul. 66, pp. 16. Dec., 1924.)

Tests with sugar beets. E. E. Down. (Michigan Sta. Circ. 66, pp. 8, figs. 2. Feb., 1925.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 7, No. 3. pp. 73-118, figs. 12. Feb., 1925.)

Results of seed tests for 1924 made for the State Department of Agriculture. M. G. Eastman. (New Hampshire Sta. Bul. 215, pp. 18. Dec., 1924.)

Studies on the biology of sewage disposal. Third annual report of the sewage substation for the year ending June 30, 1924. (New Jersey Stas. Bul. 403, pp. 95. figs. 39. July, 1924.)

Analyses of materials sold as insecticides and fungicides during 1924. C. S. Cathcart and R. L. Willis. (New Jersey Stas. Bul. 407, pp. 16. Nov., 1924.)

Weeds of cranberry bogs. C. S. Beckwith and J. G. Fiske. (New Jersey Stas. Circ. 171, pp. 23, figs. 23. Jan., 1925.)

Roses in the garden. C. H. Conners. (New Jersey Stas. Circ. 172, pp. 27, figs. 14. Nov., 1924.)

Nutritive properties of pinto beans and pinto bean straw and their use as feed for cattle. H. W. Titus. (New Mexico Sta. Bul. 143, pp. 73. May, 1924.)

Thirty-fifth annual report Agricultural Experiment Station of the New Mexico College of Agriculture and Mechanic Arts, 1923-1924. F. Garcia. pp. 55, figs. 2.

The organization and development of cooperative fire insurance companies in New York. R. W. Bartlett. (New York Cornell Sta. Bul. 435, pp. 36, figs. 7. Dec., 1924.)

Feeding work horses. M. W. Harper. (New York Cornell Sta. Bul. 437, pp. 59, fig. 1. Feb., 1925.)

The Cicadellidea of the vicinity of Ithaca, New York, with special reference to the structure of the gonapophyses. J. L. Buys. (New York Cornell Sta. Mem. 80, pp. 115, pls. 15. Dec., 1924.)

Genetic relations of five factor pairs for virescent seedlings in maize. M. Demerec. (New York Cornell Sta. Mem. 84, pp. 38. Dec., 1924.)

A study of the dietary relationships and the pathology of "stiffness" in swine. L. A. Maynard, S. A. Goldberg, and R. C. Miller. (New York Cornell Sta. Mem. 86, pp. 34, pls. 4, figs. 3. Feb., 1925.)

Studies in the transplanting of vegetable plants. W. E. Loomis. (New York Cornell Sta. Mem. 87, pp. 63, figs. 21. Feb., 1925.)

Sprays outrank dusts for potatoes. F. C. Stewart and P. J. Parrott. (New York State Sta. Bul. 518, pop. ed., pp. 4, fig. 1. Feb., 1925.)

Growing disease-free seed potatoes. F. C. Stewart. (New York State Sta. Bul. 522, pop. ed., pp. 4, fig. 1. Feb., 1925.)

Fumigation with hydrogen cyanide for control of the pear psylla. R. L. Webster. (New York State Sta. Bul. 523, pp. 23, pls. 4, fig. 1. Nov., 1924.)

Milking machines.--VIII, The sanitary efficiency of a simplified type of milking machine. F. L. Mickle. (New York State Sta. Bul. 524, pp. 48, pls. 12. Nov., 1924.)

Changes in the composition and cost of fertilizers in New York from 1914 to 1924. L. L. Van Slyke. (New York State Sta. Bul. 525, pp. 19. Dec., 1924.)

Variations in varieties of canning peas. F. H. Hall. (New York State Sta. Bul. 526, pp. 20. Dec., 1924.)

Canning peas. F. H. Hall. (New York State Sta. Bul. 526, pop. ed., pp. 4, fig. 1. Feb., 1925.)

An experiment in breeding apples.--II. R. Wellington. (New York State Sta. Tech. Bul. 106, pp. 149. Aug., 1924.)

A correlation between color of grape leaves at time of foliation and fruit color. F. E. Gladwin. (New York State Sta. Tech. Bul. 107, pp. 8. Sept., 1924.)

Studies with phytosterols: I, The phytosterols of the endosperm of corn. R. J. Anderson. II, The phytosterols of wheat endosperm. R. J. Anderson and F. P. Nabenhauer. III, The separation of unsaturated from saturated sterols. R. J. Anderson and F. P. Nabenhauer. IV, Reduction of sitosterol preparation of dihydrositosterol or sitostanol. R. J. Anderson and F. P. Nabenhauer. V, Sitosterol. R. J. Anderson and F. P. Nabenhauer. (New York State Sta. Tech. Bul. 108, pp. 40, fig. 1. Sept., 1924.)

The monthly bulletin. (Ohio Sta. Mo. Bul., vol. 9, No. 11 - 12, pp. 185-223, figs. 14. Nov.-Dec., 1924.)

Apple blister-mite and its control. L. Childs. (Oregon Sta. Circ. 59, pp. 8, figs. 4. Feb., 1925.)

Protecting South Carolina from plant diseases and crop pests. J. A. Berly. (South Carolina Sta. Circ. 32, pp. 32, figs. 22. Dec., 1924.)

Poisoning the boll weevil in the Piedmont section of South Carolina. C. B. Nickles. (South Carolina Sta. Circ. 33, pp. 39, figs. 8. Feb., 1925.)

I, Foulbrood control and diseases of bees. II, Foulbrood law and revised regulations. F. L. Thomas and C. S. Rude. (Texas Sta. Circ. 36, pp. 24, pl. 1, figs. 2. Aug., 1924.)

The dry-mix spray for peaches. F. J. Schneiderhan and R. H. Hurt. (Virginia Sta. Bul. 239, pp. 16, figs. 3. Jan., 1925.)

The principles of summer fallow tillage. M. A. McCall and H. M. Wanser. (Washington Col. Sta. Bul. 183, pp. 77, figs. 5. Oct., 1924.)

Beef cattle feeding experiments. H. Hackedorn, J. Sotola, and R. P. Bean. (Washington Col. Sta. Bul. 186, pp. 26, figs. 7. Nov., 1924.)

The Rhizoctonia disease of the potato. B. F. Dana. (Washington Col. Sta. Pop. Bul. 131, pp. 30, figs. 6. Jan., 1925.)

The influence of plot size and replication on emperimental error in field trials with potatoes. K. C. Westover. (West Virginia Sta. Bul. 189, pp. 32, figs. 11. Nov., 1924.)

Agricultural experiment station work (tentative plans). H. G. Knight. (West Virginia Sta. Bul. 193, pp. 32. Dec., 1924.)

Inoculation increases yield and quality of peas for canning. A. L. Whiting, E. B. Fred, and J. W. Stevens. (Wisconsin Sta. Bul. 372, pp. 24, figs. 20. Jan., 1925.

Climatological data for Wyoming. F. E. Hepner. (Wyoming Sta. Bul. 139, pp. 63-160, pls. 2, figs. 11. June, 1924.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING APRIL, 1925.

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Use and waste of irrigation. G. E. P. Smith. (Arizona Sta. Bul. 101, pp. 265-29[illegible], figs. 11. Mar., 1925.)

Pruning bearing deciduous fruit trees. W. P. Tufts. (California Sta. Bul. 386, pp. 47, figs. 21. Apr., 1925.)

The relation of the subcutaneous administration of living Bacterium abortum to the immunity and carrier problem of bovine infectious abortion. G. H. Hart and J. Traum. (California Sta. Tech. Paper 19, pp. 50. Apr., 1925.)

A study of the conductive tissues in shoots of the Bartlett pear and the relationship of food movement to dominance of the apical buds. F. E. Gardner. (California Sta. Tech. Paper 20, pp. 26, pls. 8. Apr., 1925.)

Forty-seventh annual report of the Connecticut Agricultural Experiment Station, being the annual report for the year ended October 31, 1923. W. L. Slate, jr., et. al. pp. VIII + 534 + XLVIII, pls. 26, figs. 84.

Infectious abortion in cattle. Sixth report. Methods of conducting the agglutination and complement fixation tests, and their diagnostic value. L. F. Rettger, J. C. McAlpine, and G. C. White. (Connecticut Storrs Sta. Bul. 125, pp. 23. Dec., 1924.)

Thirty-seventh annual report Georgia Experiment Station for the year 1924. H. P. Stuckey. pp. 59-89, figs. 11.

A bibliography of researches bearing on the composition and nutritive value of corn and corn products. M. H. Keith. (Illinois Sta. Bul. 257, pp. 151. Feb., 1925.)

Cattle feeding in relation to farm management. H. C. M. Case and K. H. Myers. (Illinois Sta. Bul. 261, pp. 213-243, figs. 8. Mar., 1925.)

Feeding purebred draft fillies. J. L. Edmonds and C. W. Crawford. (Illinois Sta. Bul. 262, pp. 245-260, figs. 13. Apr., 1925.)

Relation of solids in milk to fat and specific gravity of the milk. O. R. Overman, F. A. Davidson, and F. P. Sanmann. (Illinois Sta. Bul. 263, pp. 263-271, fig. 1. Apr., 1925.)

Wheat rosette and its control. H. H. McKinney, R. W. Webb, and G. H. Dungan. (Illinois Sta. Bul. 264, pp. 273-296, pl. 1, figs. 8. Apr., 1925.)

Raising chicks at a profit. J. Vandervort. (Illinois Sta. Circ. 294, pp. 15, figs. 6. Apr., 1925.)

White snakeroot poisoning. R. Graham and I. B. Boughton. (Illinois Sta. Circ. 295, pp. 7, figs. 4. May, 1925.)

Soybean oil meal and ground soy beans as protein supplements in the dairy ration. L. H. Fairchild and J. W. Wilbur. (Indiana Sta. Bul. 289, pp. 20, fig. 1. Dec., 1924.)

Fertilization of apple orchards in Maine. K. Sax. (Maine Sta. Bul. 322, pp. 8, pl. 1. Jan., 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 435, pp. 4. Mar., 1925.)

Inspection of commercial fertilizers. H. D. Haskins, L. S. Walker, and G. B. Dalrymple. (Massachusetts Sta. Control Ser. Bul. 29, pp. 32. Nov., 1924.)

The cherry maggots. R. H. Pettit. (Michigan Sta. Circ. 67, pp. 2, fig. 1. Mar., 1925.)

Feeding the dairy herd. C. H. Eckles and O. G. Schaefer. (Minnesota Sta. Bul. 218, pp. 48, figs. 3. Dec., 1924.)

Observations of the effect of B. abortus Bang on the weight of the spleen of the guinea pig. C. P. Fitch and R. E. Lubbehusen. (Minnesota Sta. Tech. Bul. 24, pp. 23, figs. 7. Aug., 1924.)

Report of West Central Experiment Station, Morris, Minnesota, 1923. P. E. Miller. pp. 49.

Report of Northwest Experiment Station, Crookston, Minnesota, 1923. C. G. Selvig et. al. pp. 113, figs. 8.

Report from Holly Springs Branch Experiment Station for 1924. C. T. Ames. (Mississippi Sta. Bul. 223, pp. 25, fig. 1. Dec., 1924.)

Report South Mississippi Branch Experiment Station, 1922, 1923, and 1924. E. B. Ferris. (Mississippi Sta. Bul. 225, pp. 19, figs. 2. Dec., 1924.)

Cotton experiments, 1924.--Varieties and fertilizers. J. F. O'Kelly and R. Cowart. (Mississippi Sta. Bul. 226, pp. 12, fig. 1. Dec., 1924.)

A progress report of boll weevil poisoning work at the Holly Springs Branch Experiment Station. C. T. Ames. (Mississippi Sta. Circ. 54, pp. 12. Dec., 1924.)

Fertilizer tests with cotton in North Mississippi, Holly Springs Branch Experiment Station. (Mississippi Sta. Circ. 55, pp. 4. Dec., 1924.)

Cotton experiments, South Mississippi Branch Experiment Station. E. B. Ferris. (Mississippi Sta. Circ. 56, pp. 8. Dec., 1924.)

Sweet potato experiments, South Mississippi Branch Experiment Station. W. S. Anderson and F. B. Richardson. (Mississippi Sta. Circ. 57, pp. 7. Dec., 1924.)

Tomato experiments at the South Mississippi Experiment Station. W. S. Anderson and F. B. Richardson. (Mississippi Sta. Circ. 58, pp. 7. Dec., 1924.)

Grape experiments at the South Mississippi Experiment Station. W. S. Anderson. (Mississippi Sta. Circ. 59, pp. 6. Dec., 1924.)

Hogging down corn and soy beans. L. A. Weaver. (Missouri Sta. Bul. 224, pp. 20, figs. 10. Nov., 1924.)

The effect of different percentages of butterfat on the physical properties of ice cream. D. H. Nelson and W. H. E. Reid. (Missouri Sta. Research Bul. 70 pp. 24, figs. 20. Oct., 1924.)

Feeding pigs in a dry lot. W. E. Joseph. (Montana Sta. Bul. 169, pp. 52, figs 19. Dec., 1924.)

Big scale corn raising in Montana. H. E. Selby. (Montana Sta. Bul. 171, pp. 46, figs. 14. Jan., 1925.)

Tenure and farm investment in Nebraska. J. O. Rankin. (Nebraska Sta. Bul. 205, pp. 36, figs. 5. Feb., 1925.)

Further studies on the effect of environment on potato degeneration diseases. R. W. Goss and G. L. Peltier. (Nebraska Sta. Research Bul. 29, pp. 32, pls. 7. Jan., 1925.)

An inquiry into the cause of the increase of tuberculosis in swine. L. Van Es and H. M. Martin. (Nebraska Sta. Research Bul. 30, pp. 78, pls. 16, figs. 3. Feb., 1925.)

Tuberculosis of swine. L. Van Es. (Nebraska Sta. Circ. 25, pp. 27, figs. 10. Feb., 1925.)

Some further facts relative to the principles underlying the making and use of nicotine dust. T. J. Headlee and W. Rudolphs. (New Jersey Stas. Bul. 400, pp. 44, figs. 20. Aug., 1924.)

The effect of the weight of the seed on the growth of the plant. D. Schmidt. (New Jersey Stas. Bul. 404, pp. 19. Nov., 1924.)

Analyses of commercial fertilizers, fertilizer supplies and home mixtures for 1924. C. S. Cathcart. (New Jersey Stas. Bul. 405, pp. 37, fig. 1. Nov., 1924.)

Alfalfa yields, cultural practices, and production costs as influenced by the soil formation in New Jersey. G. W. Musgrave and A. G. Miller. (New Jersey Stas. Bul. 408, pp. 31, figs. 11. Mar., 1925.)

Analyses of commercial fertilizers and ground bone; analyses of agricultural lime, 1924. C. S. Cathcart. (New Jersey Stas. Bul. 409, pp. 35. Dec., 1924.)

Control of the cranberry girder by submerging in water. C. S. Beckwith. (New Jersey Stas. Bul. 411, pp. 14, fig. 1. Feb., 1925.)

Fertilizer registrations for 1925. C. S. Cathcart. (New Jersey Stas. Bul. 413, pp. 24. Jan., 1925.)

Spray calendar for apples and quinces. (New Jersey Stas. Circ. 173, pp. 4, fig. 1. Feb., 1925.)

Spray calendar for peaches. (New Jersey Stas. Circ. 174, pp. 4, figs. 3. Feb., 1925.)

A preliminary report on the oriental peach moth in New Jersey. A. Peterson and L. A. Stearns. (New Jersey Stas. Circ. 175, pp. 11, figs. 7. Mar., 1925.)

High fecundity in Leghorns as an inherited character. G. W. Hervey. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 6, pp. 4, fig. 1. Mar., 1925.)

Importance of green feed for poultry. W. H. Allen. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 7, pp. 4, fig. 1. Apr., 1925.)

A study of the leaf-mining Diptera of North America. S. W. Frost. (New York Cornell Sta. Mem. 78, pp. 228, pls. 14. Aug., 1924.)

Wire stem of cabbage. L. O. Gratz. (New York Cornell Sta. Mem. 95, pp. 60, pls. 7, figs. 15. Jan., 1925.)

The take-all disease of cereals and grasses caused by Ophiobolus cariceti (Berkeley and Broome) Saccardo. R. S. Kirby. (New York Cornell Sta. Mem. 88, pp. 45, pls. 3, figs. 4. Mar., 1925.)

The gray bulb-rot of tulips caused by Rhizoctonia tuliparum (Klebh.) N.Comb, H. E. Whetzel and J. M. Arthur. (New York Cornell Sta. Mem. 89, pp. 18, pls. 8, figs. 6. Mar., 1925.)

Varietal trials with barley in North Dakota. T. E. Stoa. (North Dakota Sta. Bul. 184, pp. 46, figs. 9. Oct., 1924.)

Advertising farm products by farmers and farm organizations. A. H. Benton. (North Dakota Sta. Bul. 185, pp. 32, figs. 25. Jan., 1925.)

A survey of sheep production on 200 farms in northeastern North Dakota and northwestern Minnesota and the general sheep situation. R. D. Jennings et. al. (North Dakota Sta. Bul. 186, pp. 58, figs. 9. Jan., 1925.)

Vegetable varieties for North Dakota. A. F. Yeager. (North Dakota Sta. Bul. 187, pp. 27, figs. 9. Feb., 1925.)

The maintennance of soil fertility.--Thirty years' work with manure and fertilizers. C. E. Thorne. (Ohio Sta. Bul. 381, pp. 243-354, figs. 10. June, 1924.)

The monthly bulletin. (Ohio Sta. Mo. Bul., vol. 10, No.1-2, pp. 32, figs. 6. Jan-Feb., 1925.)

Cultural methods for corn and grain sorghums on Oklahoma soils. H. F. Murphy. (Oklahoma Sta. Bul. 150, pp. 7. Jan., 1925.)

Scrub vs. purebred ram. A. E. Barlow. (Oklahoma Sta. Bul. 151, pp. 4, figs. 2.)

Studies in nutrition. P. Menaul. (Oklahoma Sta. Bul. 152, pp. 13, figs. 5.)

Farm profits. C. T. Dowell. (Oklahoma Sta. Circ. 56, pp. 13.)

Rations for hogs, dairy cows, beef cattle, horses, and sheep. (Oklahoma Sta. Circ. 57, pp. 8.)

New information for Oklahoma farmers. A biennial report of the Oklahoma Agricultural Experiment Station for 1922-1924. C. T. Dowell. pp. 36, figs. 3.

Comparison of materials used in spraying and dusting for apple scab control in Pennsylvania. H. W. Thurston, jr., R. C. Walton, and F. N. Fagan. (Pennsylvania Sta. Bul. 190, pp. 20, figs. 5. Dec., 1924.)

Economical use of nitrogen, phosphorus, and potassium by barley, oats and wheat in solution cultures. F. R. Pember and F. T. McLean. (Rhode Island Sta. Bul. 199, pp. 53, figs. 6. Feb., 1925.)

Spraying early apples for blotch control. J. A. McClintock and C. D. Sherbakoff. (Tennessee Sta. Bul. 132, pp. 8, figs. 2. Mar., 1925.)

The price of feed utilities. G. S. Fraps. (Texas Sta. Bul. 323, pp. 24, figs. 5. Sept., 1924.)

Sheep management in southwest Virginia as shown by a survey of 100 farms. C. R. Nobles. (Virginia Sta. Bul. 238, pp. 20, fig. 1. Dec., 1924.)

Washington poultry houses. J. S. Carver, G. R. Shoup, W. D. Buchanan, and L. J. Smith. (Washington Col. Sta. Bul. 188, pp. 88, figs. 46. Jan., 1925.)

A study of the principal changes which take place in the making of silage. W. H. Peterson, E. G. Hastings, and E. B. Free. (Wisconsin Sta. Research Bul. 61, pp. 33, figs. 5. Jan., 1925.)

Some results from agricultural stations over the State. W. L. Quayle. (Wyoming Sta. State Farms Bul. 4, pp. 14, figs. 3. Aug., 1923.)

The service of the State experiment farms. W. L. Quayle. (Wyoming Sta. State Farms Bul. 5, pp. 68, figs. 33. Jan., 1925.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING MAY 1925

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Results of fertilizer experiments with cotton, 1924. M. Nelson and W. H. Sachs. (Arkansas Sta. Bul. 195, pp. 12, figs. 3. Apr., 1925.)

Fig smut. E. H. Phillips, E. H. Smith, and R. E. Smith. (California Sta. Bul. 387, pp. 38, figs. 15. Apr., 1925.)

Fertilizing citrus trees in California. R. W. Hodgson. (California Sta. Circ. 283, pp. 24. Apr., 1925.)

The almond in California. R. H. Taylor and G. L. Philp. (California Sta. Circ. 284, pp. 57, figs. 19. Apr., 1924.)

Report of the Agricultural Experiment Station of the University of California from July 1, 1923, to June 30, 1924. E. D. Merrill. pp. 84.

Thirty-sixth annual report of the Storrs Agricultural Experiment Station, Storrs, Connecticut, for the year ending June 30, 1924. W. L. Slate, jr., et al. pp. 396, figs. 99.

The spore discharge of the apple scab fungus in Delaware. J. F. Adams. (Delaware Sta. Bul. 140, pp. 16, figs. 4. Apr., 1925.)

Report of the Guam Agricultural Experiment Station, 1923. C. W. Edwards et al. pp. 12, figs. 8.

Phyllosticta leaf spot, fruit blotch, and canker of the apple: Its etiology and control. E. F. Guba. (Illinois Sta. Bul. 256, pp. 479-557, pls. 4, figs. 18. Feb., 1925.

Tulip blossom blight. F. L. Stevens and O. A. Plunkett. (Illinois Sta. Bul. 265, pp. 297-307, figs. 8. Apr., 1925.)

Dairy barns and equipment. W. A. Foster and E. Weaver. (Iowa Sta. Circ. 93, pp. 31, figs. 22. Oct., 1924.)

Annual report for fiscal year ending June 30, 1924, Agricultural Experiment Station, Iowa State College of Agriculture and Mechanic Arts. C. F. Curtiss. pp. 64.

Ground sorgo seed as a feed for dairy cows. H. W. Cave and J. B. Fitch. (Kansas Sta. Circ. 110, pp. 8. Apr., 1925.)

Information regarding recent publications. (Kansas Sta. Circ. 111, pp. 4. Apr., 1925.)

Swine feeding investigations, 1922-23. B. M. Anderson and H. W. Marston. (Kansas Sta. Circ. 112, pp. 8, figs. 4. Apr., 1925.)

Analyses of commercial fertilizers. H. E. Curtis, H. R. Allen, and L. Gault. (Kentucky Sta. Bul. 251, pp. 369-485. Dec., 1923.)

Commercial feeding stuffs in Kentucky in 1924. J. D. Turner, H. D. Spears, and W. G. Terrell. (Kentucky Sta. Bul. 257, pp. 30. Feb., 1925.)

Beekeeping for beginners. H. Garman. (Kentucky Sta. Circ. 35, pp. 34, figs. 11. Mar., 1925.)

The influence of ultra-violet light on nutrition in poultry. J. M. Murray, C. C. Little, and W. T. Bowie. (Maine Sta. Bul. 320, pp. 139-164, pls. 9, figs. 2. Dec., 1924.)

Experiments on the control of apple scab and black rot and spray injury in 1924. W. L. Doran. (Massachusetts Sta. Bul. 222, pp. 10. Mar., 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 436, pp. 4. Apr., 1925.)

Rural highways. C. P. Halligan. (Michigan Sta. Spec. Bul. 138, pp. 20, figs. 14. Jan., 1925.)

Spraying dewberries for anthracnose. W. C. Dutton. (Michigan Sta. Spec. Bul. 144, pp. 13, figs. 3. Mar., 1925.)

A study of the physiologic and pathologic changes occurring in the reproductive organs of the cow following parturition. W. L. Boyd. (Minnesota Sta. Tech. Bul. 23, pp. 39, pls. 8. Mar., 1925.)

Minnesota Agricultural Experiment Station, Thirty-second annual report. Part II, Popular discussions of some of the experimental work in animal husbandry, dairy husbandry, veterinary medicine, poultry husbandry, and bee culture, 1924. pp. 40, figs. 10.

Report Raymond Branch Experiment Station, 1923 and 1924. C. B. Anders. (Mississippi Sta. Bul. 224, pp. 16. Dec., 1924.)

New Knowledge.--One year's work, Agricultural Experiment Station (Report of the Director; July 1, 1923, to June 30, 1924). F. B. Mumford. (Missouri Sta. Bul. 228, pp. 86, figs. 14. Jan., 1925.)

Fulghum oats for Missouri. L. J. Stadler. (Missouri Sta. Bul. 229, pp. 19, figs. 2. Jan., 1925.)

Testing fertilizers for Missouri farmers: 1924. L. D. Haigh. (Missouri Sta. Bul. 230, pp. 57, fig. 1. Feb., 1925.)

Blackberry, raspberry and dewberry culture. H. G. Swartwout. (Missouri Sta. Bul. 231, pp. 24, figs. 11. Mar., 1925.)

Gooseberries and currants. H. G. Swartwout. (Missouri Sta. Bul. 232, pp. 12, figs. 6. Apr., 1925.)

Home made labor saving devices for the hog farm. J. C. Wooley. (Missouri Sta. Circ. 131, pp. 12, figs. 21. Dec., 1924.)

Report on southeast Missouri cotton experiment fields; 1924. B. M. King. (Missouri Sta. Circ. 132, pp. 4. Feb., 1925.)

Feeding baby chicks. H. L. Kempster. (Missouri Sta. Circ. 133, pp. 4. Mar., 1925.)

Alkali soils in Montana. E. Burke and R. M. Pinckney. (Montana Sta. Bul. 172, pp. 20, fig. 1. Jan., 1925.)

Tuberculosis in poultry. H. Welch. (Montana Sta. Circ. 127, pp. 11, figs. 7. July, 1924.)

Producing seed peas in Montana. C. McKee. (Montana Sta. Circ. 128, pp. 24, figs. 5. Apr., 1925.)

The spindle tuber disease: One cause of "run-out" seed potatoes. H. O. Werner. (Nebraska Sta. Bul. 207, pp. 21, figs. 14. Apr., 1925.)

The Metropolis Reclamation Project.--A survey of farm, home and social conditions upon a project still in an early state of development. J. C. Lambert. (Nevada Sta. Bul. 107, pp. 30, figs. 6. Nov., 1924.)

Progress of agricultural experiments--1924. A report of the Director of the New Hampshire Agricultural Experiment Station for the year 1924, including a financial statement for the fiscal year ending June 30, 1924. (New Hampshire Sta. Bul. 216, pp. 35. Feb., 1925.)

The comparative value of carbon bisulfide and other organic compounds as soil insecticides for the control of the Japanese beetle (Popillia japonica Newm.). W. E. Fleming. (New Jersey Stas. Bul. 410, pp. 29. Feb., 1925.)

Results of seed and legume inoculant inspection for 1924. J. G. Fiske. (New Jersey Stas. Bul. 412, pp. 72, fig. 1. Mar., 1925.)

The chemical composition of the soils of the Chatworth area in New Jersey. A. W. Blair and A. L. Prince. (New Jersey Stas. Bul. 414, pp. 15, figs. 2. Apr., 1925.)

The pruning of shrubs. M. A. Blake. (New Jersey Stas. Circ. 176, pp. 8, figs. 4. Apr., 1925.)

Preliminary report on range cow supplemental feeding. J. L. Lantow and M. G. Snell. (New Mexico Sta. Bul. 144, pp. 8. June, 1924.)

Preliminary pecan experiments. F. Garcia and A. B. Fite. (New Mexico Sta. Bul. 145, pp. 18, figs. 6. Jan., 1925.)

Economic studies of dairy farming in New York.--III, Grade B milk with alfalfa roughage. E. G. Misner. (New York Cornell Sta. Bul. 438, pp. 104, figs. 3. Mar., 1925.)

Some effects of freezing on mature fruits of the apple. D. B. Carrick. (New York Cornell Sta. Mem. 81, pp. 54, pls. 7. Dec., 1924.)

Fruit culture in North Dakota. A. F. Yeager. (North Dakota Sta. Bul. 188, pp. 23, figs. 25. Feb., 1925.)

Dickinson Substation report for 1922 and 1923. L. Moomaw. (North Dakota Sta. Bul. 189, pp. 46, figs. 8. Feb., 1925.)

Flax in Oregon. G. R. Hyslop. (Oregon Sta. Circ. 60, pp. 10. Apr., 1925.)

Construction and management of the bank storage cellar. L. M. Marble and R. D. Anthony. (Pennsylvania Sta. Bul. 191, pp. 32, figs. 16. Jan., 1925.)

Suggestions on queen rearing. H. B. Parks and A. H. Alex. (Texas Sta. Circ. 35, pp. 19, figs. 11. Feb., 1925.)

The more important insects injurious to the sugar beet in Utah. I. M. Hawley. (Utah Sta. Circ. 54, pp. 47, figs. 33. Apr., 1925.)

The fertility of Washington soils. F. J. Sievers and H. F. Holtz. (Washington Col. Sta. Bul. 189, pp. 45, figs. 14. Dec., 1924.)

Reymann Memorial Farms. H. G. Knight. (West Virginia Sta. Bul. 194, pp. 20, figs. 19. Feb., 1925.)

Wisconsin's opportunity with alfalfa. R. A. Moore and L. F. Graber. (Wisconsin Sta. Bul. 374, pp. 32, figs. 66. Mar., 1925.)

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E. W. ALLEN, Chief

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING JUNE, 1925

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Treatment of black akali with gypsum. C. N. Catlin and A. E. Vinson. (Arizona Sta. Bul. 102, pp. 291-337, pl. 1, figs. 21. Mar., 1925.)

Dry farming in the Sulphur Spring Valley. G. E. Thompson and F. E. Gray. (Arizona Sta. Bul. 103, pp. 339-357, figs. 9. Apr., 1925.)

Green manure and soil building crops for Arizona. G. E. Thompson, R. S. Harkins, and S. F. Clark. (Arizona Sta. Bul. 104, pp. 359-379, pl. 1, figs. 7. Apr., 1925.)

Physical and chemical factors in the growth of asparagus. E. B. Working. (Arizona Sta. Tech. Bul. 5, pp. 85-124, figs. 14. Apr., 1925.)

Legume forages with corn and cane for silage. H. E. Dvorachek, F. H. Herzer, R. H. Mason, H. E. Reed and E. Martin. (Arkansas Sta. Bul. 196, pp. 14. Apr., 1925.)

Explanatory note. E. D. Merrill. Fruit bud differentiation in deciduous fruits. W. P. Tufts and E. B. Morrow. (Hilgardia [California Sta.], vol. 1, No. 1, pp. 14, pls. 12. May, 1925.)

The antiscorbutic value of commercially concentrated orange juice. H. Goss. (Hilgardia [California Sta.], vol. 1, No. 2, pp. 15-34, figs. 14. May, 1925.)

Factors affecting efficiency in fumigation with hydrocyanic acid. H. Knight. (Hilgardia [California Sta.], vol. 1, No. 3, pp. 35-56, figs. 10. May, 1925.)

An accurate method of calculating ice cream mixes. G. D. Turnbow and C. M. Titus. (Hilgardia [California Sta.], vol. 1, No. 4, pp. 57-79. May, 1925.)

Phylloxera resistant vineyards. L. O. Bonnet. (California Sta. Circ. 288, pp. 24, figs. 14. May, 1925.)

Oak fungus in orchard trees. A. B. Hendrickson. (California Sta. Circ. 289, pp. 13, figs. 7. May, 1925.)

Report of the director for the year ending October 31, 1924. W. L. Slate, jr., et al. (Connecticut State Sta. Bul. 264, pp. 195-219, figs. 6. Jan., 1925.)

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Twenty-fourth report of the State Entomologist of Connecticut, 1924. W. E. Britton et al. (Connecticut State Sta. Bul. 265, pp. 221-344, pls. 20, figs. 9. Mar., 1925.)

Corn root, stalk, and ear rot diseases, and their control thru seed selection and breeding. J. R. Holbert, W. L. Burlison, B. Koehler, C. M. Woodworth, and G. H. Dungan. (Illinois Sta. Bul. 255, pp. 99, pls. 6, figs. 40. May, 1925.)

Successful threshing ring management. E. Rachenstein and C. A. Bonnen. (Illinois Sta. Bul. 267, pp. 373-403, figs. 2. May, 1925.)

Cattle feeding.--Winter steer feeding 1923-24. J. H. Skinner and F. G. King. (Indiana Sta. Bul. 291, pp. 23, fig. 1. Feb., 1925.)

Honey: Its use in the home. H. Jordan. (Indiana Sta. Circ. 121, pp. 12, figs. 3. Apr., 1925.)

The Oriental Fruit Worm. B. A. Porter. (Indiana Sta. Circ. 122, pp. 8, figs. 5. May, 1925.)

Report of Moses Fell Annex, Bedford, Indiana, June, 1925. H. J. Reed and E. W. Moore. (Indiana Sta. Circ. 123, pp. 24, figs. 19. June, 1925.)

Seed analyses, 1921-1924. C. M. King. (Iowa Sta. Bul. 226, pp. 291-311. Feb., 1925.)

Iowa farmers test new oat varieties. H. D. Hughes and J. L. Robinson. (Iowa Sta. Bul. 227, pp. 313-342, figs. 14. Mar., 1925.)

The use of fertilizers on Iowa soils. W. H. Stevenson and P. E. Brown. (Iowa Sta. Circ. 97, pp. 16, fig. 1. Mar., 1925.)

Soil survey of Iowa--Dubuque County soils. W. H. Stevenson, P. E. Brown, C. L. Orbren, L. W. Forman, J. L. Boatman, and W. G. Baker. (Iowa Sta. Soil Survey Rpt. 35, pp. 72, pls. 2, figs. 14. Sept., 1924.)

Chinch bug barriers for Kansas conditions. J. W. McColloch. (Kansas Sta. Circ. 113, pp. 6, figs. 3. June, 1925.)

Strawberries and farm profits in western Kentucky. J. B. Hutson. (Kentucky Sta. Bul. 255, pp. 131-171, figs. 11. Dec., 1924.)

Fruit-rotting sclerotinias.--II, The American brown-rot fungi. W. N. Ezekiel. Maryland Sta. Bul. 271, pp. 87-142, figs. 22. Oct., 1924.)

The thirty-seventh annual report of the University of Maryland Agricultural Experiment Station, 1923-1924. pp. XIX + 300, figs. 78.

The smut disease of onions. P. J. Anderson and A. V. Osmun. (Massachusetts Sta. Bul. 221, pp. 29, pls. 4. Dec., 1924.)

The costs of marketing the apple crop of 1923. L. P. Jefferson. (Massachuseets Sta. Bul. 224, pp. 9, Mar., 1925.)

Milk substitutes in the rearing of young calves. J. B. Lindsey and J. G. Archibald. (Massachusetts Sta. Bul. 223, pp. 41-51, Mar., 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 437, pp. 4. May, 1925.)

Winter pruning the black raspberry. S. Johnston. (Michigan Sta. Spec. Bul. 143, pp. 22, figs. 6. Mar., 1925.)

Christmas tree plantations. A. K. Chittenden. (Michigan Sta. Spec. Bul. 145, pp. 9, figs. 3. Mar., 1925.)

Air-cooled storage for apples. R. E. Marshall. (Michigan Sta. Spec. Bul. 146, pp. 54, figs. 32. Apr., 1925.)

Cherry leaf-spot; residual effects and control. W. C. Dutton and H. M. Wells. (Michigan Sta. Spec. Bul. 147, pp. 15, fig. 1. May, 1925.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 7, No. 4, pp. 121-168, figs. 12. May, 1925.)

Potato breeding methods. F. A. Krantz. (Minnesota Sta. Tech. Bul. 25, pp. 32, figs. 5. Dec., 1924.)

Economic aspects of creamery organization. J. D. Black and E. S. Guthrie. (Minnesota Sta. Tech. Bul. 26, pp. 111, figs. 25. Dec., 1924.)

The relation of feed consumed to protein and energy retention. A. G. Hogan, L. A. Weaver, A. T. Edinger, and E. A. Trowbridge. (Missouri Sta. Research Bul. 73, pp. 42, figs. 29. Jan., 1925.)

The alfalfa weevil in Nevada and its control by spraying. S. J. Snow. (Nevada Sta. Bul. 108, pp. 22, figs. 4. May, 1925.)

Annual report of the board of control [Nevada Station] for the fiscal year ending June 30, 1924. S. B. Doten et al. pp. 21, figs. 2.

Fowl plague--its cause, symptoms and control. F. R. Beaudette. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 8, pp. 4. May, 1925.)

Standard methods of feeding laying stock. F. H. Clickner. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 9, pp. 4, fig. 1. June, 1925.)

The production of volatile fatty acids in the intestinal tract of calves fed whole milk or cereal gruel. L. C. Norris. (New York Cornell Sta. Mem. 90, pp. 32, fig. 1. Apr., 1925.)

Poison spray for grape root-worm. F. Z. Hartzell. (New York State Sta. Bul. 519, pop. ed., pp. 3, pls. 2, fig. 1. Feb., 1925.)

A taxonomic review of currants and gooseberries. A. Berger. (New York State Sta. Tech. Bul. 109, pp. 118, pls. 8. Dec., 1924.)

A gaseous fermentation of tomato pulp and related products. F. L. Mickle and R. S. Breed. (New York State Sta. Tech. Bul. 110, pp. 27. Jan., 1925.)

The texture of ice cream. A. C. Dahlberg. (New York State Sta. Tech. Bul. 111, pp. 42, pls. 4, fig. 1. Mar., 1925.)

Recent results of work of the N. C. Agricultural Experiment Station and the present program of work. B. W. Kilgore. (North Carolina Sta. Bul. 247, pp. 72, figs. 16. Apr., 1925.)

Fact-finding for northwestern North Dakota farming--1908-1924. A. C. Kuenning. (North Dakota Sta. Bul. 190, pp. 36, figs. 6. Feb., 1925.)

Forty-third annual report for 1923-24. C. G. Williams. (Ohio Sta. Bul. 382, pp. 68, figs. 16. June, 1924.)

The Monthly Bulletin. (Ohio Sta. Mo. Bul., vol. 10, No. 3-4, pp. 33-64, figs. 5. Mar.-Apr., 1925.)

Inheritance of characters in sheep. A. E. Darlow. (Oklahoma Sta. Bul. 153, pp.15.)

Cotton variety tests in Oklahoma. G. Briggs. (Oklahoma Sta. Bul. 154, pp. 12.)

The results of some fertility experiments on Oklahoma soils. H. F. Murphy. (Oklahoma Sta. Bul. 155, pp. 34, fig. 1.)

Sheep.--care and management. A. E. Darlow. (Oklahoma Sta. Circ. 58, pp. 8, fig.1.)

A study of the biological activities in certain acid soils. W. V. Halverson. (Oregon Sta. Bul. 211, pp. 26, figs. 5. Feb., 1925.)

Preliminary studies relating to harvesting and canning of sweet cherries. H. Hartman. (Oregon Sta. Circ. 61, pp. 22, figs. 7. May, 1925.)

Fertility in the apple orchard. R. D. Anthony and J. H. Waring. (Pennsylvania Sta. Bul. 192, pp. 15, figs. 5. Feb., 1925.)

Inspection of fertilizers. J. B. Smith and W. L. Adams. (Rhode Island Sta. Ann. Fert. Circ., pp. 12. Oct., 1924.)

Inspection of feeds. J. B. Smith and W. L. Adams. (Rhode Island Sta. Ann. Feed Circ., pp. 12. Apr., 1925.)

Weeds and their control. E. J. Petry. (South Dakota Sta. Bul. 211, pp. 82, figs. 46. Dec., 1924.)

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Effect of cropping upon the active potash of the soil. G. S. Fraps. (Texas Sta. Bul. 325, pp. 18, fig. 1. Sept., 1924.)

Thirty-fifth annual report of the Texas Agricultural Experiment Station, 1922. B. Youngblood. pp. 15.

Cache County Water Conservation District No. 1. W. Peterson, G. D. Clyde, D. S. Jennings, M. D. Thomas, and K. Harris. (Utah Sta. Bul. 193, pp. 47, figs. 12. Apr., 1925.)

Organization and management of typical West Virginia farms. A. J. Dadisman. (West Virginia Sta. Circ. 38, pp. 4. May, 1925.)

The Mexican bean beetle. L. M. Peairs. (West Virginia Sta. Circ. 39, pp. 7, figs. 4. June, 1925.)

New pages in farm progress. Annual report of the director, 1923-1924. H. L. Russell, F. B. Morrison, and W. H. Ebling. (Wisconsin Sta. Bul. 373, pp. 99, figs. 40. Apr., 1925.)

Soybeans.--A good legume crop--borrowed from the Orient. R. A. Moore, E. J. Delwiche, and G. M. Briggs. (Wisconsin Sta. Bul. 375, pp. 32, figs. 14. Apr., 1925.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
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LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING JULY, 1925

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Thirty-third annual report [Arizona Station] for the year ended June 30, 1922. J. J. Thornber et al. pp. 171-250, figs. 13.

The principles and practice of sun-drying fruit. A. W. Christie and L. C. Barnard. (California Sta. Bul. 388, pp. 60, figs. 22. May, 1925.)

Berseem or Egyptian clover (Trifolium alexandrinum). A preliminary report. P. B. Kennedy and W. W. Mackie. (California Sta. Bul. 389, pp. 32, figs. 11. June, 1925.)

Sweet potato production in California. J. T. Rosa. (California Sta. Circ. 285, pp. 29, figs. 15. May, 1925.)

Milk houses for California dairies. H. L. Bolton and J. D. Long. (California Sta. Circ. 286, pp. 37, figs. 19. May, 1925.)

Potato production in California. J. T. Rosa. (California Sta. Circ. 287, pp. 44, figs. 16. May, 1925.)

The Tangier pea (Lathyrus tingitanus). P. B. Kennedy. (California Sta. Circ. 290, pp. 15, figs. 10. June, 1925.)

Alkali soils--origin, examination and management. P. L. Hibbard. (California Sta. Circ. 292, pp. 14. June, 1925.)

The relation of stored food to cambial activity in the apple. E. L. Proebsting. (Hilgardia [California Sta.], vol. 1, No. 5, pp. 81-106, figs. 7. June, 1925.)

The utilization of sulfur dioxide in the marketing of grapes. A. J. Winkler and H. E. Jacob. (Hilgardia [California Sta.], vol. 1, No. 6, pp. 107-131, figs. 4. June, 1925.)

Ground water fluctuations at Kearny Park, California. W. W. Weir. (Hilgardia [California Sta.], vol. 1, No. 7, pp. 133-144, figs. 5. June, 1925.)

Principles of making fruit-jellies. N. E. Goldthwaite. (Colorado Sta. Bul. 298, pp. 27, figs. 7. May, 1925.)

Colorado pure seed law. (Colorado Sta. Bul. 300, pp. 8. June, 1925.)

Value of the tergite preceding the supra-anal plate in the classification of male Acridinae (Orthoptera). C. L. Corkins. (Colorado Sta. Bul. 301, pp. 11, figs. 25. May, 1925.)

Sheep losses in Colorado feedlots. Study No. 2.--Paratyphoid dysentery. I. E. Newsom and F. Cross. (Colorado Sta. Bul. 302, pp. 18, fig. 1. June, 1925.)

The improvement of naturally cross-pollinated plants by selection in self-fertilized lines.--I, The production of inbred strains of corn. D. F. Jones and P. C. Mangelsdorf. (Connecticut State Sta. Bul. 266, pp. 345-418, figs. 47, Mar., 1925.)

The twenty-ninth report on food products and the seventeenth report on drug products for 1924. E. M. Bailey. (Connecticut State Sta. Bul. 267, pp. 421-491. Mar., 1925.)

Report on inspection of commercial feeding stuffs, 1924. E. M. Bailey. (Connecticut State Sta Bul. 268, pp. 493-535. Mar., 1925.)

Miscellaneous experiments with potatoes. B. A. Brown and W. L. Slate, jr. (Connecticut Storrs Sta. Bul. 126, pp. 27-42, fig. 1. Jan., 1925.)

A description of Connecticut agriculture. I. G. Davis and C. I. Hendrickson. (Connecticut Storrs Sta. Bul. 127, pp. 43-207, figs. 58. Mar., 1925.)

Farming practices for the cut-over lands of northern Idaho. G. R. McDole and J. H. Christ. (Idaho Sta. Bul. 136, pp. 23, figs. 2. Feb., 1925.)

Factors influencing lodging in corn. B. Koehler, G. H. Dungan, and J. R. Holbert. (Illinois Sta. Bul. 266, pp. 309-371, figs. 25. May, 1925.)

The sunflower as a silage crop: Composition and yield at different stages of maturity. W. L. Gaines and W. B. Nevens. (Illinois Sta. Bul. 268, pp. 405-455, figs. 29. June, 1925.)

Measuring the breeding value of dairy sires by the records of their first few advanced registry daughters. F. A. Davidson. (Illinois Sta. Bul. 270, pp. 545-566, figs. 18. June, 1925.)

Beef calf club manual. W. H. Smith and R. R. Snapp. (Illinois Sta. Circ. 296, pp. 26, figs. 21. June, 1925.)

Insects feeding on truck and garden crops, and how to control them. C. C. Compton. (Illinois Sta. Circ. 297, pp. 46, figs. 18. June 1925.)

Soybeans for Iowa. H. D. Hughes and F. S. Wilkins. (Iowa Sta. Bul. 228, pp. 345-405, figs. 18. May, 1925.)

Soybeans for Iowa. H. D. Hughes and F. S. Wilkins. (Iowa Sta. Bul. 228, abridged ed., pp. 16, figs. 7. May, 1925.)

Farm organization and management studies in Warren County, Iowa. C. W. Crickman. (Iowa Sta. Bul. 229, pp. 56, figs. 9. June, 1925.)

Transmissibility and pathological effects of the mosaic disease. O. H. Elmer. (Iowa Sta. Research Bul. 82, pp. 37-91, figs. 2. Feb., 1925.)

Raising orphan pigs.--II, Modifying cows' whole milk with sugar and cream; heat treatment of cows' whole milk; vitamin modification of cows' whole milk. J. M. Evvard, Q. W. Wallace, and G. V. Glatfelter. (Iowa Sta. Research Bul. 83, pp. 93-134, figs. 5. May, 1925.)

Basisporium dry rot of corn. L. W. Durrell. (Iowa Sta. Research Bul. 84, pp. 137-160, figs. 12. May, 1925.)

Studies on starters.--Part I, Influence on starters of air supply, temperature of incubation, and rate of ripening. P. Toens and B. W. Hammer. Part II, Acetone in distillates from starters and from milk. F. F. Sherwood and B. W. Hammer. (Iowa Sta. Research Bul. 85, pp. 161-179. May, 1925.)

Studies in iodine feeding.--Part I, Potassium iodide feeding beneficial to young swine. J. M. Evvard and C. C. Culbertson. (Iowa Sta. Research Bul. 86, pp. 181-220, figs. 23. May, 1925)

Soil survey of Iowa--Emmet County soils. W. H. Stevenson, P. E. Brown, D. S. Gray, L. W. Forman, and W. G. Baker. (Iowa Sta. Soil Survey Rpt. 36, pp. 72, pl. 1, figs. 15. Nov., 1924.)

Soil survey of Iowa--Dickinson County soils. W. H. Stevenson, P. E. Brown, L. W. Forman, J. L. Boatman, and W. G. Baker. (Iowa Sta. Soil Survey Rpt. 37, pp. 72, pl. 1, figs. 16. Dec., 1924.)

Experiments relating to the time of cutting alfalfa. S. C. Salmon, C. O. Swanson, and C. W. McCampbell. (Kansas Sta. Tech. Bul. 15, pp. 50, figs. 3. Apr., 1925.)

How to grow and market high-protein wheat. L. E. Call, R. M. Green, and C. O. Swanson. (Kansas Sta. Circ. 114, pp. 21, figs. 2. June, 1925.)

Annual report of the agricultural experiment stations of Louisiana State Universit and Agricultural and Mechanical College for 1924. W. R. Dodson et al. pp. 55.

Commercial agricultural seeds, 1924. Insecticides and fungicides, 1924. J. M. Bartlett, E. R. Tobey, C. H. White, and L. M. Baker. (Maine Sta. Off. Insp. 114, pp. 69-88. Dec., 1925.)

The boxwood leaf miner (Monarthropalpus buxi Labou). C. C. Hamilton. (Maryland Sta. Bul. 272, pp. 143-170, figs. 8. Feb., 1925.)

The feeding value of some unusual commercial feeds. J. G. Archibald. (Massachusetts Sta. Bul. 216, pop. ed., pp. 7, figs. 8. Oct., 1923.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and E. H. Wheeler. (Massachusetts Sta. Met. Bul. 438, pp. 4. June, 1925.)

Investigations on the blackleg disease of potato. J. E. Kotila and G. H. Koons. (Michigan Sta. Tech. Bul. 67, pp. 29, figs. 7. May, 1925.)

The cherry leaf-beetle. R. H. Pettit. (Michigan Sta. Circ. 68, pp. 2, fig. 1. June, 1925.)

Orchard cover crops. F. C. Bradford. (Michigan Sta. Circ. 69, pp. 4. June, 1925.)

A comparison of wheat by-products for growing pigs. E. F. Ferrin and M. A. McCarty. (Minnesota Sta. Bul. 219, pp. 10, fig. 1. Feb., 1925.)

Effectiveness of calcium cyanide in poisoning the pocket gopher, Geomys bursarius (Shaw). F. L. Washburn and C. E. Mickel. (Minnesota Sta. Tech. Bul. 27, pp. 14, fig. 1. Apr., 1925.)

Annual forage crops. T. A. Kiesselbach and A. Anderson. (Nebraska Sta. Bul. 206, pp. 45, figs. 9. Apr., 1925.)

Hog prices. H. C. Filley. (Nebraska Sta. Bul. 208, pp. 29, figs. 8. May, 1925.)

The chinch bug and its control. M. H. Swenk. (Nebraska Sta. Circ. 28, pp. 34, figs. 6. June, 1925.)

Effect of spray pressure and number of nozzles on late blight of potatoes. O. Butler. (New Hampshire Sta. Circ. 24, pp. 4, figs. 4. Mar., 1925.)

Control of apple scab. O. Butler. (New Hampshire Sta. Circ. 25, pp. 8. Apr., 1925.)

The relation of soil moisture and nitrates to the effects of sod on plum and cherry trees. T. L. Lyon, A. J. Heinicke, and B. D. Wilson. (New York Cornell Sta. Mem. 91, pp. 21, figs. 3. May, 1925.)

Forty-seventh annual report of the North Carolina Agricultural Experiment Station for the fiscal year ended June 30, 1924. B. W. Kilgore et al. pp. 95, figs. 15.

I, Tobacco resistant to black root-rot in Pennsylvania. II, A method of eliminating experimental error in comparative field tests. C. R. Orton and O. Olson. (Pennsylvania Sta. Bul. 193, pp. 15, figs. 5. Mar., 1925.)

Progress report on studies on boll weevil control under South Carolina conditions. G. M. Armstrong, R. W. Moreland, and R. C. Gaines. (South Carolina Sta. Bul. 223, pp. 64, figs. 25. June, 1925.)

The agricultural situation in Roanoke and its trade territory with special reference to the adjustment of agricultural production and distribution in Roanoke's trade territory to meet home market demands. J. J. Vernon and H. I. Richards. (Virginia Sta. Bul. 240, pp. 70, figs. 31 Mar., 1925.)

The comparative value of peanut meal, cottonseed meal and soybean meal as sources of protein for milk production. C. W. Holdaway, W. B. Ellett, and W. G. Harris. (Virginia Sta. Tech. Bul. 28, pp. 54, figs. 2. Feb., 1925.)

Thirty-fourth annual report of the University of Wyoming Agricultural Experiment Station, 1923-1924. J. A. Hill et al. pp. 163-176.

UNITED STATES DEPARTMENT OF AGRICULTURE

OFFICE OF EXPERIMENT STATIONS

WASHINGTON, D. C.

The August, 1925, number of the monthly list of station publications was unfortunately issued as of date July, 1925. You will probably find that you have two lists for that month. If not, kindly advise us and we will send you the missing number

Very truly yours,

E. W. Allen

Chief,
Office of Experiment Stations.

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
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Harvesting and packing grapes in California. H. E. Jacob and J. R. Herman. (California Sta. Bul. 390, pp. 44, figs. 24. June, 1925.)

Blackhead and other causes of loss of turkeys in California. H. W. Graybill. (California Sta. Circ. 291, pp. 14, figs. 4. June, 1925.)

The basis of grape standardization. F. T. Bioletti. (California Sta. Circ. 293, pp. 15, figs. 3. June, 1925.)

Botulism poisoning. W. G. Sackett. (Colorado Sta. Press Bul. 61, pp. 4. Jan., 1925.)

The sheep stomach worm. G. H. Lamson, jr. (Connecticut Storrs Sta. Bul. 128, pp. 211-251, figs. 8. May, 1925.)

University of Florida Agricultural Experiment Station report for the fiscal year ending June 30, 1924. W. Newell et al. pp. 137R + XI, figs. 14.

Georgia Coastal Plain Experiment Station, Tifton, Georgia, fifth annual report, 1924. S. H. Starr. pp. 54, figs. 24.

Report of the Hawaii Agricultural Experiment Station, 1924. J. M. Westgate et al. pp. 24, figs. 12.

Artificial brooding. R. T. Parkhurst. (Idaho Sta.Bul. 139, pp. 20, figs. 9. Aug., 1925.)

The marketing of milk in the Chicago dairy district. H. A. Ross. (Illinois Sta. Bul. 269, pp. 457-540, figs. 16. June, 1925.)

The relation of some chemical constituents to the grades of Kentucky tobacco. O. M. Shedd. (Kentucky Sta. Bul. 258, pp. 33-58. Apr., 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and E. H. Wheeler. (Massachusetts Sta. Met. Bul. 439, pp. 4. July, 1925.)

The Quarterly Bulletin. (Michigan Sta. Quart. Bul., vol. 8, No. 1, pp. 54, figs. 14. Aug., 1925.)

Thirty-second annual report of the [Minnesota] Agricultural Experiment Station, 1923-24.--Part III, Popular discussions of some of the experimental work in agronomy, soils, horticulture, and forestry. pp. 35, figs. 21.

Tomato seed selection. C. C. Starring. (Montana Sta. Bul. 173, pp. 17. Feb., 1925.)

Soils of Daniels County. Soil reconnoissance of Montana, preliminary report. L. F. Gieseker. (Montana Sta. Bul. 174, pp. 32, pls. 4. Feb., 1925.)

Farming business in the Gallatin Valley.--A study of factors affecting the profits of irrigated farms from 1918 to 1922, with comparable data for 1913. H. E. Selby. (Montana Sta. Bul. 175, pp. 30, figs. 11. Feb., 1925.)

Winter feeding beef calves. C. N. Arnett, R. C. McChord, and J. O. Tretsven. (Montana Sta. Bul. 176, pp. 29. Feb., 1925.)

Furrow drill for sowing winter wheat in central Montana. R. W. May and C. McKee. (Montana Sta. Bul. 177, pp. 24, figs. 16. May, 1925.)

Poultry houses. G. P. Goodearl. (Montana Sta. Circ. 129, pp. 8, figs. 6. May, 1925.)

The work of the Montana Agricultural Experiment Station.--Thirty-first annual report July 1, 1923, to June 30, 1924. F. B. Linfield et al. pp. 72, figs. 24.

List of available publications, July 1, 1925. (Nebraska Sta. Circ. 27, pp. 7.)

Hardy alfalfa for Nebraska. T. A. Kiesselbach and A Anderson. (Nebraska Sta. Circ. 32, pp. 8, figs. 5. Aug., 1925.)

Thirty-eighth annual report of the Agricultural Experiment Station of Nebraska, [1924]. E. A. Burnett and W. W. Burr. pp. 46.

Adjusting farm production in Cheshire County, N. H., to market demands. H. I. Richards and H. A. Rollins. (New Hampshire Sta. Bul. 217, pp. 55, figs. 18. May, 1925.)

Analyses of commercial feeding stuffs and registration for 1925. C. S. Cathcart et al. (New Jersey Stas. Bul. 415, pp. 78. June, 1925.)

New Jersey dry-mix: An effective summer fungicide for tree fruits. A. J. Farley. (New Jersey Stas. Circ. 177, pp. 8, figs. 2. June, 1925.)

Rearing calves by the use of calf-meal gruel. L. A. Maynard, L. C. Norris, and W. E. Krauss. (New York Cornell Sta. Bul. 439, pp. 23, pls. 2, figs. 6. June, 1925.)

An economic study of the marketing of New York potatoes. M. P. Rasmussen. (New York Cornell Sta. Bul. 440, pp. 177, figs. 53. June, 1925.)

Insects affecting stems of wheat and other small grains in North Dakota. R. L. Webster. (North Dakota Sta. Circ. 25, pp. 20, figs. 22. Mar., 1925.)

The tractor on Ohio farms. F. L. Morison. (Ohio Sta. Bul. 383, pp. 30, fig. 1. May, 1925.)

The soybean in Ohio. L. E. Thatcher. (Ohio Sta. Bul. 384, pp. 31-68, figs. 3. May, 1925.)

The Monthly Bulletin. (Ohio Sta. Mo. Bul., vol. 10, No. 5-6, pp. 65-96, figs. 4. May-June, 1925.)

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 10, No. 7, pp. 97-128, figs. 6. July-Aug., 1925.)

Pollination and growing of the cherry. C. E. Schuster. (Oregon Sta. Bul. 212, pp. 40, figs. 14. May, 1925.)

Common vetch. H. A. Schoth and G. R. Hyslop. (Oregon Sta. Bul. 213, pp. 29. June, 1925.)

Phloridzin.--I, The significance of phloridzin in apple and pear tissue. II, The hydrolysis and estimation of phloridzin. E. M. Harvey. (Oregon Sta. Bul. 215, pp. 23, figs. 7. June, 1925.)

The control of core break-down in pears. H. Hartman. (Oregon Sta. Bul. 216, pp. 16, figs. 2. June, 1925.)

Development and value of Kentucky blue grass pastures. J. W. White and F. J. Holben. (Pennsylvania Sta. Bul. 195, pp. 24, figs. 5. May, 1925.)

The inheritance of body weight in poultry.--I, in the Cornish-Hamburgh cross. H. G. May. (Rhode Island Sta. Bul. 200, pp. 34, figs. 18. May, 1925.)

The substitution of stable manure by fertilizers, green manures, and peat, II. B. L. Hartwell and F. K. Crandall. (Rhode Island Sta. Bul. 201, pp. 16. June, 1925.)

Studies with anthracnose infection in cotton seed. C. A. Ludwig. (South Carolina Sta. Bul. 222, pp. 52, figs. 14. Apr., 1925.)

Annual report of the director South Dakota Agricultural Experiment Station for the fiscal year ending June 30, 1924. J. W. Wilson et al. pp. 31.

The work of the agricultural experiment station of the University of Tennessee--Thirty-seventh annual report, 1924. C. A. Mooers et al. pp. 44, figs. 51.

Commercial feeding stuffs, September 1, 1923, to August 31, 1924. B. Youngblood, F. D. Fuller, and S. D. Pearce. (Texas Sta. Bul. 324, pp. 157. Oct., 1924.)

Breeding experiments with blackberries and raspberries. H. Ness. (Texas Sta. Bul. 326, pp. 28, figs. 12. Apr., 1925.)

Energy production coefficients of American feeding stuffs. G. S. Fraps. (Texas Sta. Bul. 329, pp. 62. Mar., 1925.)

Commercial feeding stuffs. J. L. Hills, C. H. Jones, and G. F. Anderson. Brief of new agricultural seed law. (Vermont Sta. Bul. 244, pp. 32. Apr., 1925.)

"Giant hill" potatoes a dangerous source of seed.--A new phase of spindle-tuber. A. H. Gilbert. (Vermont Sta. Bul. 245, pp. 16, figs. 6. May, 1925.)

Spinach fertilizers, second report. H. H. Zimmerley. (Virginia Truck Sta. Bul. 48, pp. 349-356, July, 1924.)

Black rot of kale. F. P. McWhorter. (Virginia Truck Sta. Bul. 49, pp. 357-363, figs 3. Oct., 1924.)

Feeding experiments with grade beef cows raising calves. E. W. Sheets and R. H. Tuckwiller. (West Virginia Sta. Bul. 190, pp. 20, figs. 8. May, 1925.)

The standard deviation in the weight of White Leghorn eggs (technical). H. Atwood. (West Virginia Sta. Bul. 195, pp. 22. June, 1925.)

Profits from phosphates. A. R. Whitson and G. Richards. (Wisconsin Sta. Bul. 376, pp. 22, figs. 12. Apr., 1925.)

Intensive dairying in New Zealand and Wisconsin. H. L. Russell and T. Macklin. (Wisconsin Sta. Bul. 377, pp. 40, figs. 20. May, 1925.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS
RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS
DURING SEPTEMBER, 1925

Note:-The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Cotton variety experiments. J. O. Ware. (Arkansas Sta. Bul. 197, pp. 27. June, 1925.)

Protein supplements for fattening swine. H. E. Dvorachek, H. A. Sandhouse, and R. A. Hunt. (Arkansas Sta. Bul. 198, pp. 15, fig. 1. June, 1925.)

Variety and rotation experiments with soy beans. C. K. McClelland. (Arkansas Sta. Bul. 199, pp. 21, figs. 4. June, 1925.)

Experiments with varying stands and distribution of corn.--Part I, Rates of planting corn. Part II, Checked versus drilled planting of corn. Part III, Wide and narrow rows of corn. Part IV, Conclusions. L. W. Osborn. (Arkansas Sta. Bul. 200, pp. 36. July, 1925.)

Propagation of deciduous fruits. J. L. Stahl. (California Sta. Circ. 294, pp. 24, figs. 21. Aug., 1925.)

Soy beans in Connecticut. B. A. Brown and W. L. Slate, jr. (Connecticut Storrs Sta. Bul. 129, pp. 255-287, figs. 6. June, 1925.)

Infectious abortion (seventh report).--How cattle owners may have their herds tested. Connecticut Storrs Sta. Bul. 130, pp. 291-294. Aug., 1925.)

A comparative study of methods for determining the per cent of fat in dairy products. R. C. Fisher and C. C. Walts. (Connecticut Storrs Sta. Bul. 131, pp. 297-330. Aug., 1925.)

The fruit tree leaf roller: Its control in Southern Idaho by the use of oil emulsion sprays. C. Wakeland. (Idaho Sta. Bul. 137, pp. 11. Mar., 1925.)

Seasonal variation as it affects the activity and control of the alfalfa weevil in Idaho. C. Wakeland. (Idaho Sta. Bul. 138, pp. 11, figs. 3. May, 1925.)

The Illinois system of permanent soil fertility in the light of twenty-five years of investigation. L. H. Smith. (Illinois Sta. Circ. 298, pp. 12, figs. 7. July, 1925.)

Diseases in Illinois seed corn as found in the fifth utility corn show. B. Koehler and N. A. Pettinger. (Illinois Sta. Circ. 299, pp. 3, figs. 4. July, 1925.)

Mercer County soils. R. S. Smith, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 29, pp. 64, pls. 2, figs. 6. June, 1925.)

Soy bean oil meal in rations for laying pullets. A. G. Phillips and S. M. Hauge. (Indiana Sta. Bul. 293, pp. 20, figs. 9. May, 1925.)

The home refrigerator. E. H. Parfitt. (Indiana Sta. Circ. 124, pp. 12, figs. 5. May, 1925.)

Cold storage investigations with Wealthy apples. Fifth progress report. H. H. Plagge and T. J. Maney. (Iowa Sta. Bul. 230, pp. 57-72, figs. 10. Aug., 1925.)

A study of the secondary effects of hill fertilization. H. J. Harper. (Iowa Sta. Research Bul. 87, pp. 221-251, figs. 4. July, 1925.)

Some new weeds of Iowa. L. H. Pammel and C. M. King. (Iowa Sta. Circ. 98, pp. 16, figs. 17. June, 1925.)

Thirty-seventh annual report of the Agricultural Experiment Station of the University of Kentucky, Lexington, Ky., for the year 1924. Part I.--Report of the Director. Meteorological observations. T. P. Cooper et al. pp. 53.

Fungous infection of seed corn kernels and the importance of germination tests. C.W. Edgerton and A. F. Kidder. (Louisiana Stas. Bul. 193, pp. 24, figs. 5. July,1925.)

Abstracts of papers not included in bulletins, finances, meteorology, index. (Maine Sta. Bul. 321, pp. 163+XII. Dec., 1924.)

The Maryland State egg-laying competition performance tests. R. H. Waite and F. H. Leuschner. (Maryland Sta. Bul. 273, pp. 171-185, figs. 5. Mar., 1925.)

Control of bacillary white diarrhoea, 1924-1925. P. E. Bransfield. (Massachusetts Sta. Control Ser. Bul. 31, pp. 7. July, 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and E. H. Wheeler. (Massachusetts Sta. Met. Bul. 440, pp. 4. Aug., 1925.)

Common parasites of farm animals: Their prevention and treatment. L. S. Backus. (Missouri Sta. Circ. 134, pp. 16, fig. 1. Apr., 1925.)

Cedar rust of apples in Missouri. T. J. Talbert. (Missouri Sta. Circ. 135, pp. 8, figs. 6. Apr., 1925.)

Lawns and lawn making. H. F. Major. (Missouri Sta. Circ. 136, pp. 12, figs. 4. May, 1925.)

Fireblight of apples and pears. T. J. Talbert. (Missouri Sta. Circ. 137, pp. 8, figs. 6. July, 1925.)

Fattening farm poultry. E. W. Henderson. (Missouri Sta. Circ. 138, pp. 4, figs. 2. Aug., 1925.)

Feeding the dairy cow. H. P. Davis. (Nebraska Sta. Circ. 29, pp. 29, fig. 1. July, 1925.)

Dairy calf care and management. H. P. Davis and R. F. Morgan. (Nebraska Sta. Circ. 30, pp. 31, figs. 8. July, 1925.)

Selection, breeding, methods, mean more milk. H. P. Davis. (Nebraska Sta. Circ. 31, pp. 8, figs. 8. Aug., 1925.)

Agricultural production and marketing in Atlantic County, New Jersey. W. C. Funk, A. G. Waller, A. R. Eldred, and H. Keller, jr. (New Jersey Stas. Bul. 416, pp.39, figs. 11. July, 1925.)

The problem of maintaining body weight. C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 10, pp. 4, fig. 1. July, 1925.)

Producing market eggs of high quality. C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 11, pp. 4. Aug., 1925.)

Johnson grass eradication. J. C. Overpeck. (New Mexico Sta. Bul. 146, pp. 15, figs. 4. Apr., 1925.)

Artificial incubation of hen eggs in New Mexico. A. L. Walker and G. E. Voss. (New Mexico Sta. Bul. 147, pp. 21, figs. 6. May, 1925.)

Some common New Mexico plant diseases. R. F. Crawford. (New Mexico Sta. Bul. 148, pp. 25. June, 1925.)

Variations within and between morphological varieties of oats and barley. R. G. Wiggans. (New York Cornell Sta. Mem. 94, pp. 35, figs. 4. July, 1925.)

Protein content of North Dakota wheat. C. E. Mangels. (North Dakota Sta. Bul. 191, pp. 41, figs. 8. July, 1925.)

Costs and profits of sheep on irrigated farms. E. L. Potter and R. Withycombe. (Oregon Sta. Circ. 62, pp. 15. July, 1925.)

Extraction and clarification of pectinous fruit juices. J. C. Bell and E. H. Wiegand. (Oregon Sta. Circ. 63, pp. 12, figs. 4. July, 1925.)

Thirty-seventh annual report of the director of the [Rhode Island] Agricultural Experiment Station, [1924]. B. L. Hartwell. pp. 14.

Effects of feeding extremely wide rations to horses. B. A. Dunbar. (South Dakota Sta. Bul. 212, pp. 32, figs. 11. Mar., 1925.)

Growing flax in South Dakota. A. N. Hume, E. W. Hardies, and C. Franzke. (South Dakota Sta. Bul. 213, pp. 24, figs. 8. Apr., 1925.)

Correlations between length of spike and culm in wheat and certain characters of progeny, including yield. A. N. Hume, E. W. Hardies, and C. Franzke. (South Dakota Sta. Bul. 214, pp. 16, fig. 1. Apr., 1925.)

Soybeans for dairy cows. T. M. Olson. (South Dakota Sta. Bul. 215, pp. 15, figs. 2. June, 1925.)

An agricultural economic survey of Rockwall County, Texas.--A typical blackland cotton farming area. L. P. Gabbard. (Texas Sta. Bul. 327, pp. 161, figs. 56. Feb., 1925.)

The influence of storage on the composition of flour. J. E. Greaves and C. T. Hirst. (Utah Sta. Bul. 194, pp. 22, figs. 8. Aug., 1925.)

Rules and regulations for the second Utah intermountain egg-laying contest. B. Alder. (Utah Sta. Circ. 55, pp. 4, fig. 1. Aug., 1925.)

Summary of publications. B. C. Pittman. (Utah Sta. Circ. 56, pp. 4. Sept., 1925.)

Biology and control of Comstock's mealy bug on the umbrella catalpa. W. S. Hough. (Virginia Sta. Tech. Bul. 29, pp. 27, figs. 13. Feb., 1925.)

Report of the Virgin Islands Agricultural Experiment Station, 1924. J. B. Thompson et al. pp. 19, figs. 8.

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING OCTOBER 1925

Note:-The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

A machine for treating cotton seed with sulphuric acid. J. G. Brown and F. Gibson. (Arizona Sta. Bul. 105, pp. 381-391, figs. 8. May, 1925.)

The adobe sweet potato storage house in Arizona. F. J. Crider and D. W. Albert. (Arizona Sta. Bul. 106, pp. 393-410, figs. 15. May, 1925.)

Control measures for blister beetles. W. J. Baerg. (Arkansas Sta. Bul. 201, pp. 8, figs. 4. Oct., 1925.)

Machines for coating wheat with copper carbonate dust. A. H. Hoffman and H. L. Belton. (California Sta. Bul. 391, pp. 16, figs. 13. Sept., 1925.)

Fruit juice concentrates. J. H. Irish. (California Sta. Bul. 392, pp. 20, figs. 5. Sept., 1925.)

The growing and handling of head lettuce in California. H. A. Jones and E. L. Carthwaite. (California Sta. Circ. 295, pp. 36, figs. 32. Sept., 1925.)

Control of the California ground squirrel. J. Dixon. (California Sta. Circ. 296, pp. 15, figs. 3. Sept., 1925.)

A survey of beekeeping in California. G. H. Vansell. The honeybee as a pollenizer. E. R. DeOng. (California Sta. Circ. 297, pp. 22, fig. 1. Oct., 1925.)

Possibilities and limitations of cooperative marketing. H. E. Erdman. (California Sta. Circ. 298, pp. 19. Oct., 1925.)

Perethecia of Thielavia basicola Zopf in culture and the stimulation of their production by extracts from other fungi. F. A. McCormick. (Connecticut State Sta. Bul. 269, pp. 537-554, pls. 3. Aug., 1925.)

Fertilizer experiments with tobacco. N. T. Nelson and P. J. Anderson. (Connecticut State Sta., Tobacco Sta. Bul. 5, pp. 34T. May, 1925.)

University of Florida Agricultural Experiment Station report for the fiscal year ending June 30, 1919. P. H. Rolfs et al. pp. 65R + III.

The organization and direction of girls' 4-H clubs in food projects. G. B. Armstrong and N. Vasold. (Illinois Sta. Circ. 300, pp. 28, figs. 3. Aug., 1925.)

Commercial fertilizers. O. S. Roberts, O. W. Ford, L. E. Horat, and M. H. Thornton. (Indiana Sta. Bul. 292, pp. 60, fig. 1. May, 1925.)

Diseases of cucumbers and melons in Iowa. I. E. Melhus and O. H. Elmer. (Iowa Sta. Circ. 99, pp. 16, figs. 7. July, 1925.)

The loco weed and its effect on livestock. F. C. Gates. (Kansas Sta. Circ. 115, pp. 4, fig. 1. Aug., 1925.)

Strawberry growing in Kansas. R. J. Barnett. (Kansas Sta. Circ. 116, pp. 16, figs. 6. Aug., 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 441, pp. 4. Sept., 1925.)

Effects of forest fires on land clearing and crop production. M. J. Thompson. (Minnesota Sta. Bul. 220, pp. 23, figs. 12. May, 1925.)

Tankage and buttermilk as protein supplements for growing pigs. E. F. Ferrin and M. A. McCarty. (Minnesota Sta. Bul. 221, pp. 10, figs. 2. Aug., 1925.)

Blanching celery. R. B. Harvey. (Minnesota Sta. Bul. 222, pp. 20, figs. 11. Aug., 1925.)

Grafting, budding and early care of fruit trees. T. J. Talbert. (Missouri Sta. Bul. 233, pp. 36, figs. 20. May, 1925.)

Meadow and pasture management in the Ozark region of Missouri. C. A. Helm. (Missouri Sta. Bul. 234, pp. 32, figs. 21. May, 1925.)

The brown loess soils of Missouri and their utilization. H. H. Krusekopf. (Missouri Sta. Bul. 235, pp. 55, pls. 3, figs. 23. June, 1925.)

Annual and biennial bearing in New York apples. H. D. Hocker. (Missouri Sta. Research Bul. 75, pp. 16. Apr., 1925.)

The correlation between sexual maturity and egg production. H. L. Kempster. (Missouri Sta. Research Bul. 78, pp. 16, figs. 2. July, 1925.)

These fifty years. R. P. Crawford. (Nebraska Station Circ. 26, pp. 175, pls. 9. May, 1925.)

Shucking oysters: One of New Jersey's growing industries. W. H. Dumont. (New Jersey Stas. Bul. 418, pp. 24, figs. 13. July, 1925.)

A study of the oyster-shell scale, Lepidosaphes ulmi (L.), and one of its parasites, Aphelinus mytilaspidis Le B.--Part I, Biology and morphology of the

two forms of the oyster-shell scale. Part II, Biology of a parasite of the oyster-shell scale. G. H. Griswold. (New York Cornell Sta. Mem. 93, pp. 67, pls. 2, figs. 21. July, 1925.)

Studies on treatment of cotton seed. S. G. Lehman. (North Carolina Sta. Tech. Bul. 26, pp. 71, figs. 10. July, 1925.)

Fowl typhoid and fowl cholera. B. F. Kaupp and R. S. Dearstyne. (North Carolina Sta. Tech. Bul. 27, pp. 83, figs. 33. July, 1925.)

Blooming period and yield of apples. A 15-year average. C. W. Ellenwood. (Ohio Sta. Bul. 385, pp. 67-82, figs. 2. July, 1925.)

An introductory study of the Acarina or mites of Ohio. A. E. Miller. (Ohio Sta. Bul. 386, pp. 83-172, figs. 16. Aug., 1925.)

Subterranean aphids of Ohio. C. R. Cutright. (Ohio Sta. Bul. 387, pp. 173-238, pls. 6. Sept., 1925.)

The bimonthly bulletin. (Ohio Sta. Bimo. Bul., vol. 10, No. 8, pp. 129-160, figs. 5. Sept.-Oct., 1925.)

Studies of inheritance of earliness in certain Avena crosses. C. F. Noll. (Pennsylvania Sta. Bul. 194, pp. 43, fig. 1. Apr., 1925.)

38th annual report of the director for the fiscal year ending June 30, 1925. R. L. Watts et al. (Pennsylvania Sta. Bul. 196, pp. 42, figs. 7. July, 1925.)

Farm mortgage financing in Texas. V. P. Lee. (Texas Sta. Bul. 330, pp. 67. figs. 21. Apr., 1925.)

Thirty-sixth annual report (Texas Agricultural Experiment Station), 1923. B. Youngblood. pp. 31.

Economy in harvesting sugar beets. G. Stewart. (Utah Sta. Circ. 57, pp. 3. Oct., 1925.)

The influence of sulphur and gypsum upon the composition and yield of legumes. J. R. Neller. (Washington Col. Sta. Bul. 190, pp. 47, figs. 10. July, 1925.)

A review of the agriculture of the Big Bend country. B. Hunter, G. Severance, and R. N. Miller. (Washington Col. Sta. Bul. 192, pp. 47, figs. 10. Sept., 1925.)

Experiments on the control of wildfire of tobacco. J. Johnson and H. F. Murwin. (Wisconsin Sta. Research Bul. 62, pp. 35, pls. 7. Aug., 1925.)

Transmission of viruses from apparently healthy potatoes. J. Johnson. (Wisconsin Sta. Research Bul. 63, pp. 12, pls. 8. Sept., 1925.)

Pea disease survey in Wisconsin. F. R. Jones and M. B. Linford. (Wisconsin Sta. Research Bul. 64, pp. 31, figs. 8. July, 1925.

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING NOVEMBER 1925

Note:-The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Preparations of hegari for finishing yearling steers. R. H. Williams and C. A. Smith (Arizona Sta. Bul. 107, pp. 407-436, pl. 1, figs. 9. June, 1925.)

Cattle feeding in Arizona. E. B. Stanley and E. L. Scott. (Arizona Sta. Bul. 108, pp. 41, pl. 1, figs. 13. July, 1925.)

Crop sequences at Davis. J. W. Gilmore. (California Sta. Bul. 393, pp. 36, figs. 8. Oct., 1925.)

I, Cereal hay production in California. G. W. Hendry. II, Feeding trials with cereal hays. F. W. Woll. (California Sta. Bul. 394, pp. 71, figs. 17. Oct., 1925.)

The mat bean (Phaseolus aconitifolius). P. B. Kennedy and B. A. Madson. (California Sta. Bul. 396, pp. 33, figs. 7. Nov., 1925.)

Poultry breeding records. W. A. Lippincott. (California Sta. Circ. 299, pp. 31, figs. 23. Oct., 1925.)

The effect of feeding cultures of Bacillus acidophilus, lactose, dry skim-milk or whole milk on the hydron ion concentration of the contents of the ceca of chickens. J. R. Beach. The influence of feeding lactose or dry skim-milk on artificial infection of chicks with Eimeria avium. J. R. Beach and D. E. Davis. (Hilgardia [California Sta.], vol. 1, No. 8, pp. 145-181. Oct., 1925.)

Secondary sex characters in Asparagus officinalis L. W. W. Robbins and H. A. Jones. (Hilgardia [California Sta.], vol. 1, No. 9, pp. 183-202, figs. 6. Nov., 1925.)

Colsess barley. D. W. Robertson and A. Keser. (Colorado Sta. Bul. 303, pp. 11, figs. 6. Oct., 1925.)

Sheep production in Colorado. C. I. Bray. (Colorado Sta. Bul. 304, pp. 44, figs. 20. Sept., 1925.)

Diseases of Colorado feeding lambs. I. E. Newsom and F. Cross. (Colorado Sta. Bul. 305, pp. 26, figs. 17. Oct., 1925.)

Factors affecting farm profits in the Williston area. J. E. Turlington and H. G. Hamilton. (Florida Sta. Bul. 175, pp. 20, fig. 1. July, 1925.)

Johnson County soils. R. S. Smith, E. A. Norton, E. E. DeTurk, F. C. Bauer, and L. H. Smith. (Illinois Sta. Soil Rpt. 30, pp. 46, pl. 1, figs. 7. June, 1925.)

Farming with bluegrass. J. B. Hutson and E. L. Langsford. (Kentucky Sta. Bul. 259, pp. 59-98, figs. 4. July, 1925.)

Sources of animal protein for laying hens. J. H. Martin. (Kentucky Sta. Bul. 260, pp. 99-132, figs. 9. Aug., 1925.)

The use of concentrated fertilizers. A. B. Beaumont. (Massachusetts Sta. Circ. 72, pp. 4. Jan., 1925.)

Havana seed tobacco as influenced by timothy cover crop. J. P. Jones. (Massachusetts Sta. Circ. 73, pp. 3. Aug., 1925.)

Meteorological observations at the Massachusetts Agricultural Experiment Station. J. E. Ostrander and J. Bower, jr. (Massachusetts Sta. Met. Bul. 442, pp. 4. Oct., 1925.)

The nutrient requirements of the strawberry. R. E. Loree. (Michigan Sta. Tech. Bul. 70, pp. 29. Oct., 1925.)

Potato spraying and dusting experiments in Michigan. J. E. Kotila and G. H. Coons. (Michigan Sta. Tech. Bul. 72, pp. 15, figs. 7. Oct., 1925.)

Composition of creamery butter and its control. C. H. Eckels, J. R. Keithley, and W. B. Combs. (Minnesota Sta. Bul. 223, pp. 30. Sept., 1925.)

Rural population groups. E. L. Morgan and O. Howells. (Missouri Sta. Research Bul. 74, pp. 68, figs. 11. Mar., 1925.)

The effect of a varying moisture supply upon the development and composition of the maize plant at different periods of growth. M. F. Miller and F. L. Duley. (Missouri Sta. Research Bul. 76, pp. 36, figs. 14. May, 1925.

The estimation of pectin and a study of the constitution of pectin. C. F. Ahmann and H. D. Hooker. (Missouri Sta. Research Bul. 77, pp. 39, figs. 5. June, 1925.)

A comparison of Guernsey sires based on the average "mature equivalent" fat production of the daughters and their dams. C. W. Turner. (Missouri Sta. Research Bul. 79, pp. 66, figs. 8. Aug., 1925.)

The course of skeletal growth in the dairy cow. S. Brody and A. C. Ragsdale. (Missouri Sta. Research Bul. 80, pp. 35, figs. 23. Sept., 1925.)

The adequacy of synthetic rations for the growth of chicks. A. G. Hogan, N. B. Guerrant and H. L. Kempster. (Missouri Sta. Research Bul. 81, pp. 51, figs. 38. Oct., 1925.)

Inspection of commercial feeding-stuffs, 1925. T. G. Phillips and T. O. Smith. (New Hampshire Sta. Bul. 218, pp. 60. Aug., 1925.)

Ventilation for the New Jersey poultry house. E. R. Gross. (New Jersey Stas. Hints to Poultrymen, vol. 13, No. 12, pp. 4, figs. 5. Sept., 1925.)

Common disinfectants and their use. F. R. Beaudette. (New Jersey Stas. Hints to Poultrymen, vol. 14, No. 1, pp. 4. Oct., 1925.)

Selection, care and management of breeding stock. C. S. Platt. (New Jersey Stas. Hints to Poultrymen, vol. 14, No. 2, pp. 4, fig. 1. Nov., 1925.)

Composition and maturity of corn. T. H. Hopper. (North Dakota Sta. Bul. 192, pp. 76, figs. 18. July, 1925.)

Winter rye in North Dakota, T. E. Stoa. (North Dakota Sta. Bul. 193, pp. 14, figs. 4. Aug., 1925.)

The Bimonthly Bulletin. (Ohio Sta. Bimo. Bul., vol. 10, No. 9, pp. 161-192, figs. 6. Nov.-Dec., 1925.)

Blight resistance in pears and characteristics of pear species and stocks. F. C. Reimer. (Oregon Sta. Bul. 214, pp. 99, figs. 35. June, 1925.)

Perennial canker of apple trees. (A preliminary report.) S. M. Zeller and L. Childs Oregon Sta. Bul. 217, pp. 18, figs. 22. Aug., 1925.)

Fattening lambs for the late winter market. H. K. Dean and E. L. Potter. (Oregon Sta. Bul. 218, pp. 11, figs. 4. Aug., 1925.)

The manufacture of commercial feeding stuffs. J. L. Hills. (Vermont Sta. Bul. 246, pp. 46, figs. 16. Aug., 1925.)

UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF EXPERIMENT STATIONS
E W ALLEN Chief

LIST OF STATION PUBLICATIONS RECEIVED BY THE OFFICE OF EXPERIMENT STATIONS DURING DECEMBER, 1925.

Note:--The station publications noted in this list ARE NOT DISTRIBUTED BY THE DEPARTMENT OF AGRICULTURE but can usually be obtained, so far as the supply will permit, by applying to the stations issuing them. An address list of the stations will be furnished upon request.

Bark diseases of citrus trees in California. H. S. Fawcett. (California Sta. Bul.395, pp. 61, figs. 19. Oct., 1925.)

Manufacture of Roquefort type cheese from goat's milk. S. A. Hall and C. A. Phillips. (California Sta. Bul. 397, pp. 20, figs. 11. Nov., 1925.)

The location and longevity in calves if Bacterium abortum ingested with milk and its effect on the agglutination titre of their blood. G. H. Hart and G. M. Woods (Hilgardia [California Sta.], vol. 1, No. 10, pp. 203-226. Nov., 1925.)

Physiological aspects of soil solution investigations. D. R. Hoagland. (Hilgardia [California Sta.], vol. 1, No. 11, pp. 227-257. Nov., 1925.)

Report on inspection of commercial fertilizers, 1925. E. M. Bailey. (Connecticut State Sta. Bul. 270, pp. 90. Oct., 1925.)

Preliminary experiments in feeding city work horses. J. A. Simms. (Connecticut Storrs Sta. Bul. 132, pp. 331-350. Sept., 1925.)

Corn and soybeans as a combination crop for silage. W. L. Slate, jr., and B. A. Brown. (Connecticut Storrs Sta. Bul. 133, pp. 351-376, pls. 3. Sept., 1925.)

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